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THE CITY RECORD

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WILLIAM J. GAYNOR, MAYOR.

ARCHIBALD R. WATSON, CORPORATION COUNSEL. WILLIAM A. PRENDERGAST, COMPTROLLER

DAVID FERGUSON, SUPERVISOR.

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PUBLIC SERVICE COMMISSION—FIRST DISTRICT.

No. 154 NASSAU STREET, NEW YORK CITY.

Calendar for Week Commencing December 4, 1911.

Tuesday, December 5, 1911—11 a. m.—Room 1810—Degnon Contracting Company—"Arbitration, City's Appeal."—H. H. Whitman of Counsel. 11 a. m.—Room 1810—Degnon Contracting Company—"Arbitration No. 2, Contractor's Appeal."—H. H. Whitman of Counsel. 12 m.—Room 305—Broadway-Lexington Avenue Rapid Transit Route—"Opening of bids for construction of Section 9 of Broadway-Lexington Avenue Rapid Transit Route."—Whole Commission. 2.30 p. m.—Room 310—Case No. 1374—Coney Island and Brooklyn Railroad Company—"Fares to and from Coney Island."—Whole Commission. 2.30 p. m.—Room 305—Case No. 1421—Interborough Rapid Transit Company—"Change in station at Rivington street or new station at Delancey street, Second Avenue Elevated Line."—Commissioner Eustis.

Wednesday, December 6, 1911—10 a. m.—Room 305—Case No. 1430—Brooklyn Union Elevated Railroad Company et al.—"General Service on 5th avenue elevated lines and stopping additional trains at 3d street station."—Commissioner McCarroll. 2.30 p. m.—Room 310—Case No. 1428—Gas Corporations—"Meter testing on complaint as to accuracy."—Commissioner Maltbie. 2.30 p. m.—Room 310—Case No. 1429—Gas Corporations—"Removal and discontinuance of use of untested gas meters."—Commissioner Maltbie. 2.30 p. m.—Room 305—Case No. 1411—Interborough Rapid Transit Company—"Escalators at 155th street elevated station."—Commissioner Eustis. 3.30 p. m.—Room 305—Case No. 1427—Interborough Rapid Transit Company—"Additional elevators at 181st street and St. Nicholas avenue."—Commissioner Eustis.

Friday, December 8, 1911—2.30 p. m.—14th Floor—Case No. 1415—Forty-second Street, Manhattanville and St. Nicholas Avenue Railway Company—"Application for approval of exercise of franchise for Manhattan street loop extension."—Commissioner Maltbie. 2.30 p. m.—Room 310—Case No. 1366—Long Island Railroad Company—"Rehearing as to provisions in final order for safety precautions at Garrison and Furman avenues, Bushwick Division."—Commissioner McCarroll. 2.30 p. m.—Room 305—Case No. 1425—Interborough Rapid Transit Company—"Storage battery emergency lighting in cars and lighting of cars and stations in subway."—Whole Commission. 3.30 p. m.—Room 305—Case No. 1426—Street Railroad Corporations—"Heating, heating regulations and ventilation in closed passenger cars."—Whole Commission.

Meetings of Committee of the Whole held on Tuesday, Wednesday, Thursday and Friday, at 10.30 a. m., in the Committee Room.

Regular meetings of the Commission held on Tuesday and Friday at 12 noon—Room 310.

Changes in Departments, Etc.

DEPARTMENT OF PARKS.

Boroughs of Manhattan and Richmond.

November 29—Discharged, Expiration of Employment under Civil Service Rule XII., paragraph 6, November 25, 1911: A. P. Boller, Consulting Engineer, restoration of Speedway.

December 1—The following named persons have been appointed Attendants in the City Court, at $1,500 per annum, to take effect December 1, 1911: Thomas F. Berkery, 153 W. 62d st. (transferred from Magistrate's Court); David J. Woelper, 110 E. 11th st. (transferred from Municipal Court, Second District).

BOARD OF EDUCATION.

December 1—At a meeting of the Board of Education held on November 29, 1911, action relative to appointments, salaries, etc., was taken as follows: The salary of Morris Warschauer, a Clerk in the office of the Secretary, was fixed at $1,050 per annum, taking effect on November 29, 1911, subject to action by the Board of Estimate and Apportionment. The action of the Committee on Care of Buildings in transferring the following-named persons, as indicated, taking effect on December 1, 1911, subject to action by the Board of Estimate and Apportionment and the Board of Aldermen, was approved and ratified: Adolph E. Robinson, Janitor, from Public School 8, Brooklyn, to Public School 119, Brooklyn, $2,628; John J. Smith, Janitor-Engineer, from Public School 119, Brooklyn, to Public School 8, Brooklyn, $2,808; Louis Branoner, Janitor-Engineer, from Public School 135, Brooklyn, to Public School 144, Manhattan, $720.

The action of the Committee on Care of Buildings in fixing the compensation of Edward Cassin, Janitor of the Morris High School, for his services in connection with the evening school conducted in his school building at the rate of $3.50 per session, subject to action by the Board of Estimate and Apportionment and the Board of Aldermen, was approved and ratified.

The action of the Committee on Care of Buildings in increasing the salary of Patrick Griffin, a Cleaner in Public School 188, Manhattan, from $480 to $540 per annum, taking effect December 1, 1911, was approved and ratified.

The action of the Committee on Care of Buildings in accepting the resignation of Mrs. Margaret Schleider, Janitress of Public School 26, Queens, taking effect December 1, 1911, was approved.

The action of the Committee on Care of Buildings in assigning the following-named Janitors to the temporary care of public school buildings, as indicated, subject to action by the Board of Estimate and Apportionment and the Board of Aldermen, was approved and ratified: John McNamara, Public School 14, Richmond, monthly compensation $60, November 25, 1911; George Morgan, Public School 144, Manhattan, monthly compensation $60, November 20, 1911.

The action of the Committee on Care of Buildings in fixing the compensation of the following-named Janitors, as indicated, for the care of open-air playgrounds during the summer of 1911, subject to action by the Board of Estimate and Apportionment and the Board of Aldermen, was approved and ratified: James J. Drum, Janitor, Public School 183, Manhattan; playground, 67th and 68th sts. and 1st ave., Manhattan; 57 days at $4 per day, $228; 7 Sundays at $4 per day, $28; total, $256. Thomas Mattimore, Janitor, Public School 29, Brooklyn; playground, Amity st., near Columbia st., Brooklyn; 48 days at $4 per day, $192.

Harry M. Steinhardt, of 6 Clinton st., Manhattan, was appointed an Attendance Officer at a salary of $900 per annum to take effect upon assignment to duty by the City Superintendent of Schools.

December 2—Thor Sorenson shipped as Seaman on the training ship "Newport" on December 1, 1911, with salary at the rate of $30 per month.

Borough of The Bronx.

Minutes of the Local Board of Chester, Twenty-third District.

Pursuant to call by President Miller, the members of the Local Board of Chester, Twenty-third District, met in the office of the President of the Borough of The Bronx, in the Municipal Building, 177th st. and 3d ave., on Wednesday, November 8, 1911, at 8 p. m.

Present—President Miller, Alderman Mulhearn and Alderman Sheridan.

Minutes of the previous meeting were adopted as typewritten.

Hearings:

459. Regulating, grading, etc., Olmstead ave., from Protectory ave. to the bulkhead line of Pugsley's Creek. Laid over until next meeting.

460. Vesting of title to Olmstead ave., between Protectory ave. and the bulkhead line of Pugsley's Creek. Laid over until next meeting.

462. Acquiring title to Burke ave., from Boston road to Eastchester road. Resolution in favor adopted unanimously.

463. Acquiring title to Throop ave., from Bronx and Pelham Parkway to Mace ave., and from Allerton ave. to Gun Hill road. Laid over until November 28, 1911.

464. Acquiring title to Adee ave., from Boston road to unnamed street east of Young ave., and from Gun Hill road to Hutchinson River. Resolution in favor adopted unanimously.

465. Acquiring title to Seymour ave., from Eastchester road to unnamed street between Morgan ave. and Arnow ave., and from Gun Hill road to Hicks st. Resolution in favor adopted unanimously.

466. Acquiring title to Sacket ave., from Bear Swamp road to Eastchester road. Laid over indefinitely.

471. Acquiring title to Waterbury ave., from Zerega ave. to Eastern boulevard. Opposition by L. N. Levy and others. Laid over until November 28, 1911.

472. Acquiring title to Wilson ave., from Bronx and Pelham ave. to the intersection of Needham ave. and E. 216th st. On motion, seconded, it was resolved that proceedings be and the same hereby are initiated for the said improvement. Unanimously adopted.

473. Constructing a temporary sewer and appurtenances on the west side of White Plains ave., between E. 242d st. and the City line; and in E. 243d st., between White Plains ave. and Barnes ave., together with all work incidental thereto. Petition signed by Heran Scaison and two others. Estimated cost, $9,215. No one appeared in opposition. Dr. Scaison appeared in favor. On motion, seconded, it was resolved that proceedings be and the same hereby are initiated for the said improvement. Unanimously adopted.

476. Regulating, grading, setting curbstones, flagging the sidewalks a space four feet wide, laying crosswalks, building approaches, and erecting fences where necessary in Fort Schuyler road, from the easterly terminus of the land acquired for West Farms road, at Westchester Creek, to Shore Drive. On motion, seconded, it was resolved that proceedings be and the same hereby are initiated for the said improvement.

478. Filling in sunken lots on the east side of Hunt ave., beginning 145 feet south of Bronxdale ave. and extending 75 feet south, in accordance with section 435 of the Charter, and also in accordance with Board of Health order issued June 13, 1911. On motion, seconded, it was resolved that proceedings be and the same hereby are initiated for the said improvement. Unanimously adopted.

110. Hunt ave., acquiring title, from White Plains ave. to Bronxdale ave. On motion, seconded, it was resolved that proceedings be and the same hereby are initiated for the said improvement. Unanimously adopted.

470. Laying out on map of The City of New York Light st., between Dyre ave. and Provost ave., section 43. Recommended to the favorable consideration of the Board of Estimate and Apportionment.

Laid Over Matters:

360. Acquiring title to Pierce ave., from Bear Swamp road to Pauling ave. Laid over until November 28, 1911.

361. Paulding ave., acquiring title, from Pierce ave. to the New Haven Railroad depot, known as Morris Park Station. Laid over to November 28, 1911.

381. Acquiring title to Wilson ave., from Allerton ave. to Gun Hill road. Placed on file.

382. Acquiring title to Seymour ave., from Gun Hill road to north line of Bronx and Pelham parkway and from south line of Bronx and Pelham parkway to Eastchester road. Filed as Petition 465, was adopted.

383. Acquiring title to Sacket ave., from Eastchester road to Williamsbridge road. On motion, seconded, it was resolved that proceedings be and the same hereby are initiated for the said improvement. Unanimously adopted.

385. Acquiring title to Throop ave., from Adee ave. to Gun Hill road. Placed on file.

386. Acquiring title to Burke ave., from Boston road to Gun Hill road. Placed on file.

394. Acquiring title to Mace ave., from Bronx Park East to White Plains road. Placed on file as larger limits were adopted (on petition 121 filed in 1906) at this meeting.

121—1906. Acquiring title to Mace ave., from Bronx Park East to Eastchester road. On motion, seconded, it was resolved that proceedings be and the same hereby are initiated for acquiring title to Mace ave., from Bronx Park East to Eastchester road. Unanimously adopted.

405. Constructing sewer and appurtenances in Lurting ave., between Walker ave. and the property of the New York, New Haven and Hartford Railroad Company. Laid over until November 28, 1911, for more definite descriptions as to what street is intended.

86. Acquiring title to Lurting ave., from West Farms road to line of the New Haven Railroad. Laid over until November 28.

387. Acquiring title to Adee ave., from Boston road to Gun Hill road. Placed on file as Petition 464 was adopted at this meeting.

On motion, seconded, the Board adjourned subject to the call of the Chairman.

GEO. DONNELLY, Secretary.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

ANNUAL REPORT FOR YEAR 1910.

Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, City of New York, September 21, 1911.

Hon. WILLIAM J. GAYNOR, Mayor, City of New York:

Sir—I have the honor to transmit the Annual Report of the Department of Water Supply, Gas and Electricity for the year ending December 31, 1910, and to mention briefly in this letter some of the more important work accomplished by the Department during the year, together with certain recommendations for the coming year.

Upon assuming the office of Commissioner I immediately made a careful economic study of conditions existing throughout the Department, with a view to installing modern and improved business methods to insure a maximum degree of operating efficiency.

The general efficiency of the employees has been increased by placing the responsibility of the work upon the men in charge of the various divisions, properly distributing the work among the force, increasing the interest in the work by promotion by merit, recording the attendance of employees and endeavoring to place salaries on a uniform basis with respect to the character of work performed.

One hour was added to the length of the working day for the Department. This affected over 700 employees and increased the number of working days over 16%, equivalent to 35 additional working days for each employee per annum, making a total of nearly 25,000 additional working days.

As a result of information furnished by me relating to the existence of unauthorized pipes, conduits and tunnels in the streets, maintained by many private companies and individuals, the Board of Estimate and Apportionment collected from $70,000 to $80,000 in rentals and compelled those who maintained the structures to make application for the proper municipal consents.

Water Supply.

The Bureau of Water Supply, formerly under six independent heads, with the resulting duplication of work, was reorganized. The Chief Engineer was made the responsible head of the Bureau and reports direct to the Commissioner. This reorganization resulted in a yearly reduction in salaries of about $300,000 and in the elimination of proposed works in the Boroughs of Brooklyn and Richmond, which would have cost about $1,800,000, a large portion of which had already been appropriated. Furthermore, by substituting other work, not only was the above saving in cost secured but also an economy in annual charges of $200,000.

In the year 1910 there was an increase of 8,000,000 gallons daily above the consumption for the previous year, equivalent to 2.5%.

Special attention has been given to the operation of the pumping stations by the purchase of more economical fuel and by the installation of the most improved methods and mechanical appliances. The cost of coal consumed by the Department pumping stations amounted to $613,806 in 1909. The cost of coal in 1910 was $491,292, showing a saving of $122,514 over the previous year's supply. This saving resulted from more economical methods of purchasing. In addition the Department pumped 2.5% more water in 1910 than during the previous year. The Department, through the aid of fuel experts, has developed a new form of specifications for the purchase of coal, and the practical results obtained therefrom have been most beneficial to the Department. A better grade of coal has been secured and lower prices obtained, due to the fact that the new specifications allow more active competition. These specifications have been standardized and the Board of Estimate and Apportionment has approved them for general use by The City.

The reorganization of this Bureau has further resulted in the laying of about four times as many mains by our repair gangs as were laid in 1909. This additional work was accomplished by a smaller force than was employed in 1909 and at a lower cost. There was also a greater mileage of high pressure fire service mains laid in 1910 than during the previous year and the extension of this service is being carried on as rapidly as possible.

Early in 1910 the water waste prevention division was greatly increased and work along new lines was started. After careful investigation it was found that the most satisfactory results could be obtained by apportioning the work between the Engineering Bureau and the Bureaus of Water Register, by combining it with a similar class of work under the jurisdiction of these Bureaus.

On June 1st the Aqueduct Commission was abolished and its duties transferred to this Department.

In Brooklyn the water supply was crippled to the extent of nearly 18 million gallons per day, owing to complications arising in connection with the Titus contract and the consequent shutting down of several of our pumping stations. An agreement was reached with Mr. Titus to arbitrate the complications of years' standing, and the pumping stations were allowed to resume operations. As a result of an adjustment with the Long Island Railroad Company, so that the 72-inch pipe line could be utilized, an additional 16 million gallons of water daily were obtained for this Borough.

During the late summer of 1910 the extremely low rainfall was felt so severely by many towns near New York that requests were made for a temporary supply from New York City. I therefore granted permission to Mount Vernon, Yonkers, Hastings and White Plains to take water from the City's aqueduct, as I considered that The City was morally obligated to assist these towns when, by so doing, The City's water supply was not jeopardized. The total amount of water furnished to these towns was 269,303,251 gallons, equivalent to 81% of The City's consumption for one day. The regular fixed rates were charged for this water.

In the Borough of Queens, improvements have been undertaken to double the present available supply from the municipal plants and the progress of this work is already well advanced.

In the Borough of Richmond, in addition to the saving of water by the elimination of waste, the supply has been increased so that at the present time there are no complaints of insufficient water supply. Plans for adding 50% to the present supply are perfected and the contracts for a portion of that work already let.

The storage capacity of the Croton Watershed has been increased considerably by the completion of the Croton Falls Reservoir.

More efficient action in abating nuisances on the Watersheds has been accomplished by soliciting the co-operation of the Law and Health Departments and by the periodical inspection of the sanitary condition of the Watersheds.

Work on the extension of the high pressure fire system was pushed rapidly during the year, with the result that early in 1911 two extensive districts in Manhattan were put into service. Work has progressed rapidly in extending this service in the Borough of Brooklyn.

Gas and Electricity.

Among the more important results accomplished by the Bureau of Gas and Electricity was the reduction in price of arc lamps in the Boroughs of Manhattan, The Bronx and Brooklyn. In Manhattan and The Bronx the number of arc lamps amounted to 7,250, which enabled the Department to make a reduction on the first 5,000 lamps of $5 each. This total reduction reached an amount sufficient to light a number of main avenues in accordance with the system of distribution which has been adopted for this work. A similar result was accomplished in Brooklyn and it is anticipated that this procedure will, in the near future, allow the Department to reinforce the lighting of many of the main avenues and the more important cross streets in The City. The work of providing more efficient means of lighting progressed as rapidly as was permitted by the funds alloted for this purpose. In the Borough of Queens about 1,740 lamps of different kinds were added throughout the Borough, and this number would have been considerably greater if it had not been for lack of appropriations available for new lighting not taking effect until July 1. The installation of these lights practically completes the standardization of all the arc lamps in the Greater City. In the Borough of Richmond the improvements reached the normal increase in the number of lights installed.

As a result of a conference with the lighting companies a considerable saving was effected in the cost of electricity furnished to the high pressure pumping stations.

In the early part of 1910 the Board of Estimate and Apportionment ordered this Department to approve plans and specifications for all electrical work in other Departments. This greatly increased the work of the Bureau of Gas and Electricity, which was not able to obtain the necessary additional help. The public buildings are increasing in number throughout the various Boroughs and an increased force will be necessary to handle this work.

The rapidly increasing number of moving picture shows under the supervision of this Department require a corresponding addition to the clerical and inspection staffs of the Electrical Bureau.

The Electrical Inspectors have been placed in uniform, thereby increasing the efficiency of the force.

Bureaus of Water Register.

During the year a complete reorganization has taken place in the Bureau of Water Register in the various Boroughs and improved control and accounting systems installed, resulting in an increase of $2,032,080.68 in the collection of revenues, as compared with a similar period of last year. For the first time in the history of the Department, this system makes possible the determining of the gross revenue of any one year and permits of the monthly balancing of the books.

All Water Meter Inspectors have been placed in uniform and the adoption of an adequate system for the reading of meters and the proper inspection of meters has greatly increased the efficiency of the revenue collecting function of the Department. A campaign against water waste has been actively carried on by the inspection force of this Bureau and systematic methods of procedure are employed in this work.

Bureau of Supplies.

In the early part of 1910 the Bureau of Supplies was established, by which means much duplication of work was eliminated by the creating of a central purchasing agency. The work outlined for this Bureau will not be limited to the purchasing of supplies alone, but to the distribution and to the establishment of central store houses operated in a manner similar to that employed by large industrial organizations.

This Bureau has developed standard forms of contracts adapted for all supplies, which have caused a large saving in the cost of printing and in the saving of time in letting contracts.

All supplies purchased on open market orders have been subject to bidding, and active competition among commercial firms has resulted.

Auditing Bureau.

A central Auditing Bureau was established in the early part of the year and has resulted in the more expeditious handling of orders, bills, payrolls, contracts, estimates, etc.

Recommendations.

In anticipation of the active continuation of the work which I have already undertaken in the Department, I beg to be allowed to make the following recommendations:

I believe that at least $2,000,000 should be appropriated during the coming year for the extension of the high pressure fire service in Manhattan and Brooklyn. With an annual fire loss in The City of New York of approximately $9,000,000, the importance of this matter cannot be overestimated.

The Board of Estimate and Apportionment should, at an early date, adopt some definite policy with regard to private water companies, as I believe that The City should own its entire water system.

Rules governing the construction and maintenance of electrical work in The City, as well as the various classes of penalties imposed by the Department for violations in connection with the water supply, should be incorporated in the Code of Ordinances.

A determined effort should be made by the City Government to insure the legislation requested by me to authorize the Department to compel the abatement of all nuisances on the Watershed which might result in a pollution of the water supply. The Legislature last year refused to give us this legislation, although every effort was made to impress upon it the importance of the matter. At present the City is practically powerless to properly safeguard its water supply.

I would ask the co-operation of the Board of Estimate and Apportionment in the readjustment of the salary schedules of the Department which I propose to inaugurate, with the idea of giving equal pay for equal work. I believe a system of salary increases should be adopted, based on merit alone.

I would like to have placed before the Board of Estimate and Apportionment the question of the reclassification of the Budget. At the present time this Department has in the neighborhood of 250 Budget accounts, not counting the corporate stock accounts. This condition, which in times gone by was inaugurated by the Comptroller's office, causes much complexity and often times confusion, together with a multiplicity of useless work. These accounts should be materially reduced in number and a great advantage would be derived by the suggested simplification.

The appropriation urged by me some time ago to pay for the erection of a filtration plant for the purification of the water from the Croton system, should be granted by the Board of Estimate and Apportionment at once. The need for this filtration plant has been urged upon The City for the past ten years.

Suitable appropriation should be made by the Board of Estimate and Apportionment at once to enable the Department to more actively conduct the water waste prevention crusade which is now being prosecuted. From the results already obtained, I am confident that a saving of many millions of gallons daily of the City's consumption of water can be brought about.

I also ask the co-operation of the Board of Estimate and Apportionment in bringing about a uniform system of street lighting. This work has already been commenced by the Department and we should be given funds to gradually carry it on until the old methods are thoroughly discarded and an adequate modern system established throughout the City.

In conclusion I wish to express my appreciation of the work of Mr. J. W. F. Bennett, Deputy Commissioner, Borough of Manhattan, and of my Secretary, Mr. J. L. Pultz, whose untiring energy has largely helped me in raising the efficiency of the Department; Mr. F. T. Parsons, Deputy Commissioner, Borough of Brooklyn; Mr. J. L. Jordan, Deputy Commissioner, Borough of The Bronx; Mr. M. P. Walsh, Deputy Commissioner, Borough of Queens; Mr. J. E. Bowe, Deputy Commissioner, Borough of Richmond, and Chief Engineers I. M. de Varona and C. F. Lacombe of the Bureaus of Water Supply, Gas and Electricity, respectively. I wish also to acknowledge the excellent work of the other employees of this Department, especially the Water Registrars, and the loyal support they have given me in the numerous innovations and new methods which have been installed in the various branches, and to add that it is only through this hearty co-operation that the results enumerated in this letter were possible of attainment.

Respectfully submitted, HENRY S. THOMPSON, Commissioner.

ORGANIZATION—ADMINISTRATION.

Henry S. Thompson, Commissioner.
J. L. Pultz, Secretary.
J. W. F. Bennett, Deputy Commissioner, Manhattan.
F. T. Parsons, Deputy Commissioner, Brooklyn.
M. P. Walsh, Deputy Commissioner, Queens.
John L. Jordan, Deputy Commissioner, The Bronx.
John E. Bowe, Deputy Commissioner, Richmond.

Bureau of Water Supply.
I. M. de Varona, Chief Engineer.
W. W. Brush, Deputy Chief Engineer.
Edward Wegman, Consulting Engineer.
Robert Van Buren, Borough Engineer, Brooklyn.
H. B. Machen, Borough Engineer, Manhattan and The Bronx.
J. A. Byrne, Borough Engineer, Queens.
J. W. McKay, Borough Engineer, Richmond.

Bureau of Heat, Light and Power.
C. F. Lacombe, Chief Engineer, Light and Power.
J. W. Young, Assistant Engineer of Light and Power.
G. E. Sever, Consulting Electrical Engineer.
H. A. Wynkoop, Electrical Engineer.

Bureau of Water Registers.
Clair Foster, Borough of Manhattan.
Wm. R. McGuire, Borough of Brooklyn.
S. Nugent, Borough of The Bronx.

Auditing Bureau.
Edmund Beardsley, Chief Clerk and Auditor.

Bureau of Supplies.
J. L. Pultz, in Charge.

Statement of General Administration Expenditures For the Year Ending December 21, 1910.

	General Administration.					
	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
Salaries and wages	$62,132 29	$5,329 75	$24,623 24	$3,925 05	$6,099 97	$102,110 30
Telephone service	3,663 54	.....	6,860 87	.....	.....	10,524 41
General charges	23,082 31	175 31	811 00	864 97	556 20	25,489 79
Total expenditures and liabilities	$88,878 14	$5,505 06	$32,295 11	$4,790 02	$6,656 17	$138,124 50
Budgetary appropriations	$83,630 00	$5,950 00	$12,250 00	$5,550 00	$7,600 00	$114,980 00
Brooklyn water revenue appropriations	.....	.....	23,932 00	.....	.....	23,932 00
Transfers from other accounts	16,675 01	.....	.....	.....	.....	16,675 01
	$100,305 01	$5,950 00	$36,182 00	$5,550 00	$7,600 00	$155,587 01
Deduct transfers to other accounts	.....	.....	437 50	.....	275 00	712 50
Total funds available	$100,305 01	$5,950 00	$35,744 50	$5,550 00	$7,325 00	$154,874 51
Deduct total expenditures and liabilities as above	88,878 14	5,505 06	32,295 11	4,790 02	6,656 17	138,124 50
Unencumbered balances December 31, 1910	$11,426 87	$444 94	$3,449 39	$759 98	$668 83	$16,750 01

BUREAU OF WATER REGISTER.

Statement of Expenditures for the Year Ending December 31, 1910.

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
Salaries and Wages	$210,850 07	$46,193 13	$122,020 19	$19,817 31	$33,304 86	$432,185 56
General Charges	34,086 78	3,711 61	5,748 21	3,693 75	4,325 38	51,565 73
Total Expenditures and Liabilities	$244,936 85	$49,904 74	$127,768 40	$23,511 06	$37,630 24	$483,751 29
Budgetary Appropriations	$261,367 98	$53,590 00	$54,200 00	$18,050 00	$38,147 50	$425,355 48
Brooklyn Water Revenue Appropriations	.....	.....	80,000 00	.....	.....	80,000 00
Transfers from Other Accounts	2,054 17	4,437 50	16,500 00	11,154 16	8,437 47	42,583 30
Special Revenue Bond Funds	19,622 55	.....	.....	.....	.....	19,622 55
	$283,044 70	$58,027 50	$150,700 00	$29,204 16	$46,584 97	$567,561 33
Deduct Transfers to Other Accounts	.....	.....	3,779 17	.....	.....	3,779 17
Total Funds Available	$283,044 70	$58,027 50	$146,920 83	$29,204 16	$46,584 97	$563,782 16
Deduct Total Expenditures and Liabilities as Above	244,936 85	49,904 74	127,768 40	23,511 06	37,630 24	483,751 29
Unencumbered Balances December 31, 1910	$38,107 85	$8,122 76	$19,152 43	$5,693 10	$8,954 73	$80,030 87

Statement of Receipts for the Year Ended December 31, 1910.

Classification of Receipts.	Total (All Boroughs).	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Frontage Rates—						
Principal	$5,239,793 61	$2,443,045 93	$653,903 31	$1,993,298 11	$74,036 33	$75,509 93
Penalties	85,909 28	33,281 48	11,521 45	37,840 89	1,437 70	1,827 76
Meter Rates	6,615,962 88	4,782,811 35	389,333 61	1,147,488 15	204,679 10	91,650 67
Meter Setting and Repair Charges	11,300 85	4,688 56	623 95	5,488 36	427 41	72 57
Shipping Permits	39,407 82	39,407 82	.....	.....	.....	.....
Building Purposes Permits—						
Regular	186,566 86	96,063 68	40,861 90	40,715 03	5,950 15	2,976 10
Extras	35,399 95	18,166 91	9,984 65	6,360 51	762 88	125 00
Tap Permits	39,378 25	5,798 50	8,439 25	19,738 50	2,434 50	2,967 50
Street Sprinkling	4,400 55	4,400 55	.....	*.....	.....	.....
Miscellaneous—						
Labor and Material	11,445 24	8,303 48	†.....	3,044 26	29 00	68 50
Sale of Ashes	243 00	30 00	.....	.....	.....	213 00
Sale of Old Material	5,881 50	1,723 35	.....	4,141 15	.....	17 00
Crystal Water Co	285 50	.....	.....	.....	.....	285 50
Total Receipts for the Year 1910	$12,275,975 29	$7,437,721 61	$1,114,668 12	$3,258,114 96	$289,757 07	$175,713 53

*Metered accounts. †Included with Manhattan.

BUREAU OF WATER SUPPLY.

Statement of Operating and Maintenance Expenditures for the Year Ending December 31, 1910.

	General and Manhattan and The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
Administration—					
Salaries and Wages	$19,448 39	$22,755 39	$2,805 77	$5,950 00	$50,959 55
Telephone Service	4,110 38	.....	1,201 69	1,161 67	6,473 74
Taxes	120,233 24	39,086 14	.....	.....	159,319 38
General Charges	1,753 48	9,906 70	394 91	509 38	12,564 47
Maintenance of Watersheds, Aqueducts, Ponds and Reservoirs—					
Salaries and Wages	186,178 97	115,136 88	.....	.....	301,315 85
Fuel	2,106 18	165 00	.....	.....	2,271 18
Supplies	2,814 52	4,463 31	.....	.....	7,277 83
Hired Conveyances	27,513 59	7,428 50	.....	.....	34,942 09
General Charges	7,567 10	4,392 57	.....	.....	11,959 67
Materials for Repairs and Replacements by Departmental Labor	3,401 80	4,173 56	.....	.....	7,575 36
Repairs and Replacements by Contract or Open Order	2,625 53	182 71	.....	.....	2,808 24
Laboratory Expenses	38,434 49	.....	.....	.....	38,434 49
Operation and Maintenance of Pumping Stations—					
Salaries and Wages	116,203 21	618,159 61	58,176 37	89,437 81	881,977 00
Fuel	48,232 08	477,791 61	23,638 92	52,294 13	601,956 74
Supplies	4,139 99	15,696 21	1,933 65	2,724 51	24,494 36
Hired Conveyances	3,047 61	718 00	.....	790 96	4,556 57
General Charges	147 86	5,107 72	1,233 61	261 20	6,750 39
Materials for Repairs and Replacements by Departmental Labor	5,590 86	29,161 62	4,393 09	10,232 65	49,378 22
Repairs and Replacements by Contract or Open Order	16,406 57	17,890 22	1,951 01	3,920 54	40,168 34
Maintenance of Distribution Systems—					
Salaries and Wages	282,429 55	285,295 16	30,724 59	32,367 54	630,816 84
Fuel	1,116 50	1,151 25	132 05	70 50	2,470 30
Supplies	17,222 58	4,223 28	1,132 14	5,072 72	27,650 72
Hired Conveyances	56,526 75	148 50	3,670 00	1,302 10	61,647 35
General Charges	4,186 45	11,097 23	251 55	3,343 37	18,878 60
Materials for Repairs and Replacements by Departmental Labor	23,924 64	6,853 16	3,589 41	3,640 22	38,007 43
Repairs and Replacements by Contract or Open Order	37,562 82	65,361 34	1,898 07	511 05	105,333 28
Fire Hydrant Rentals and Water Purchased	.....	205,539 16	261,288 53	315 00	467,142 69
High Pressure Fire Service—					
Salaries and Wages	33,110 68	42,520 48	.....	.....	75,631 16
Fuel	737 01	676 50	.....	.....	1,413 51
Supplies	822 40	140 26	.....	.....	962 66
Telephone Service	7,717 42	4,978 61	.....	.....	12,696 03
General Charges	45 00	.....	.....	.....	45 00
Materials for Repairs and Replacements by Departmental Labor	276 16	566 88	.....	.....	843 04
Repairs and Replacements by Contract or Open Order	1,036 09	765 27	.....	.....	1,801 36
Total Expenditures and Liabilities	$1,076,669 90	$2,001,532 83	$398,415 36	$213,905 35	$3,690,523 44
Budgetary Appropriations	$1,130,181 10	$59,961 00	$427,074 80	$326,998 87	$1,944,215 77

	General and Manhattan and The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
Brooklyn Water Revenue Appropriations	.....	2,100,675 00	.....	.....	2,100,675 00
Special Revenue Bond Funds	70,233 24	.....	.....	.....	70,233 24
	$1,200,414 34	$2,160,636 00	$427,074 80	$326,998 87	$4,115,124 01
Deduct Transfers to Other Accounts	28,625 00	21,200 00	6,700 00	1,866 64	58,391 64
Total Funds Available	$1,171,789 34	$2,139,436 00	$420,374 80	$325,132 23	$4,056,732 37
Deduct Total Expenditures and Liabilities as Above	1,076,669 90	2,001,532 83	398,415 36	213,905 35	3,690,523 44
Unencumbered Balances December 31, 1910	$95,119 44	$137,903 17	$21,959 44	$111,226 88	$366,208 93

Statement of Expenditures on New Works and Extensions for the Year Ending December 31, 1910.

	General.	Manhattan and The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
Total Expenditures	.....	$2,745,201 22	$1,092,691 12	$324,188 06	$372,768 84	$4,534,849 24
Balances January 1, 1910, from Corporate Stock Authorizations of Previous Years	$42,087 50	$5,143,054 17	$5,347,066 42	$837,214 20	$1,223,769 42	$12,593,191 71
Balance Transferred from Aqueduct Commission	.....	1,302,952 66	.....	.....	.....	1,302,952 66
Corporate Stock Authorized During Year 1910	550,000 00	4,425,581 19	150,000 00	.....	.....	5,125,581 19
Premiums and Miscellaneous Credits	.....	18,323 91	7,740 67	2,945 10	3,369 13	32,378 81
	$592,087 50	$10,889,911 93	$5,504,807 09	$840,159 30	$1,227,138 55	$19,054,104 37
Deduct Authorizations of Previous Years Rescinded	.....	.....	917,504 67	.....	.....	917,504 67
Total Funds Available	$592,087 50	$10,889,911 93	$4,587,302 42	$840,159 30	$1,227,138 55	$18,136,599 70
Deduct Total Expenditures as Above	.....	2,745,201 22	1,092,691 12	324,188 06	372,768 84	4,534,849 24
Balances Unexpended December 31, 1910	$592,087 50	$8,144,710 71	$3,494,611 30	$515,971 24	$854,369 71	$13,601,750 46

Statement of Expenditures of Investigation of Water Waste for the Year Ending December 31, 1910.

	Brooklyn.	Other Boroughs.	Total.
Salaries and Wages	$48,074 45	$1,927 94	$50,002 39
General Charges	29,437 49	13,564 52	43,002 01
Total Expenditures and Liabilities	$77,511 94	$15,492 46	$93,004 40
Brooklyn Water Revenue Appropriation	$200,000 00	.....	$200,000 00
Corporate Stock Funds	.....	$100,000 00	100,000 00
Total Funds Available	$200,000 00	$100,000 00	$300,000 00
Deduct Total Expenditures and Liabilities as Above	77,511 94	15,492 46	93,004 40
Unencumbered Balances December 31, 1910	$122,488 06	$84,507 54	$206,995 60

BUREAUS OF LAMPS AND LIGHTING AND ELECTRICAL INSPECTION.

Statement of Expenditures for the Year Ending December 31, 1910.

	General and Manhattan and The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
General Administration—					
Salaries	$55,882 31	.....	.....	.....	$55,882 31
Laboratories for Testing Electric Meters	1,500 00	.....	.....	.....	1,500 00
Bureau of Lamps and Lighting—					
Salaries and Wages, Regular Employees	69,309 63	$28,173 67	$13,836 66	$11,008 53	122,328 49
Telephone Service	201 50	198 54	223 27	79 09	702 40
Hired Conveyances	4,861 47	†480 00	3,925 25	999 96	10,266 68
General Charges	18,613 68	3,789 18	1,419 41	917 10	24,739 37
Repairs and Replacements by Contract or Open Order	20,769 93	13,004 90	8,957 05	47 80	42,779 68
Street and Park Lighting	*1,359,081 46	*1,026,337 21	417,171 47	187,543 11	2,990,133 25
Lighting Public Buildings	*614,350 94	*186,087 13	*32,317 16	*40,499 10	873,254 33
Heat and Power, City Departments, etc	*41,133 27	*23,838 10	*2,097 74	*5,014 59	72,083 70
High Pressure Fire Service, Reservation of Machinery, etc	90,334 50	45,211 50	.....	.....	135,546 00
R-DW-16B—Street and Park Lighting	.....	4,758 00	.....	.....	4,758 00
Bureau of Electrical Inspection—					
Salaries and Wages, Regular Employees	47,258 89	22,259 03	17,757 62	.....	87,275 54
Telephone Service	18 67	51 14	74 31	.....	144 12
Hired Conveyances	3,870 00	753 00	1,095 00	.....	5,718 00
General Charges	1,848 75	720 37	1,617 99	.....	4,187 11
Total Expenditures and Liabilities	$2,329,035 00	$1,355,661 77	$500,492 93	$246,109 28	$4,431,298 98
Budgetary Appropriations	$2,326,392 90	$1,389,850 54	$508,770 73	$234,073 10	$4,459,087 27
Special Revenue Bond Funds	12,000 00	6,000 00	20,000 00	1,800 00	39,800 00
Transfers from Other Accounts	68,390 00	11,150 00	740 00	24,120 00	104,400 00
	$2,406,782 90	$1,407,000 54	$529,510 73	$259,993 10	$4,603,287 27
Deduct Transfers to Other Accounts	11,970 00	28,505 00	14,225 00	4,200 00	58,900 00
Total Funds Available	$2,394,812 90	$1,378,495 54	$515,285 73	$255,793 10	$4,544,387 27
Deduct Total Expenditures and Liabilities as Above	2,329,035 00	1,355,661 77	500,492 93	246,109 28	4,431,298 98
Unencumbered Balance as of December 31, 1910	$65,777 90	$22,833 77	$14,792 80	$9,683 82	$113,088 29

*Estimated, subject to revision when finally adjusted. †Paid from Contingencies, Code 525.

AUDITING BUREAU.

September 20, 1911.

Hon. HENRY S. THOMPSON, Commissioner:

Dear Sir—You will remember that when you first took office there were a great many complaints made to you of delays in the payment of vouchers for work done and materials supplied, and of delays in the payment of payrolls. Many bills were months overdue; payrolls were from one to three weeks late, and some employees had not been paid in full for several months. The principal reason for these delays you discovered to be due to the divided responsibility, because the vouchers and payrolls were prepared in so many different offices in the Department.

To remedy this, under your direction twelve of the twenty-four employees who were engaged in preparing payrolls and vouchers in the outside offices of the department were brought to the Manhattan office, and the "Auditing Bureau" was established, and during the year 1910 the old bills were checked up, vouchered, and the work kept up to date. Payrolls are paid promptly, being transmitted on the day in each week scheduled for this Department. During the year more than one thousand vouchers and payrolls were transmitted in excess of the number transmitted in 1909. Although much more work is done now, the present force is smaller than was required to do the work under the old method.

Yours respectfully, E. BEARDSLEY, Chief Clerk and Auditor.

BUREAU OF SUPPLIES.

Hon. HENRY S. THOMPSON, Commissioner, Department Water Supply, Gas and Electricity:

Organized in 1910.

Sir—By your direction, the Bureau of Supplies was organized during the early part of 1910, and the numerous independent purchasing divisions of the Department in the various Boroughs and Bureaus were consolidated into one central Bureau located in Manhattan.

Purpose.

The object in establishing this Bureau was to eliminate the unnecessary duplication of work occurring formerly, and to obtain the highest economic efficiency in the purchase and distribution of supplies. The Bureau is an independent sub-division of the Department, and reports, through its head, direct to the Commissioner.

The work of the Bureau has been carrried on with a view to attaining the most efficient and economical methods adopted by private enterprises with respect to supplies, and careful studies were therefore made of the supply systems employed by the Government and those used by railroads and various industrial corporations.

Results.

The results accomplished by the Bureau through economies initiated during the past year are illustrated by the fact that out of $116,425 appropriated for the Department's use in 1910 for the purchase of "general supplies" and for "materials for

repairs and replacements by Departmental labor," there was saved $34,538.30, equivalent to nearly 30 per cent. of the total appropriation.

Jurisdiction.

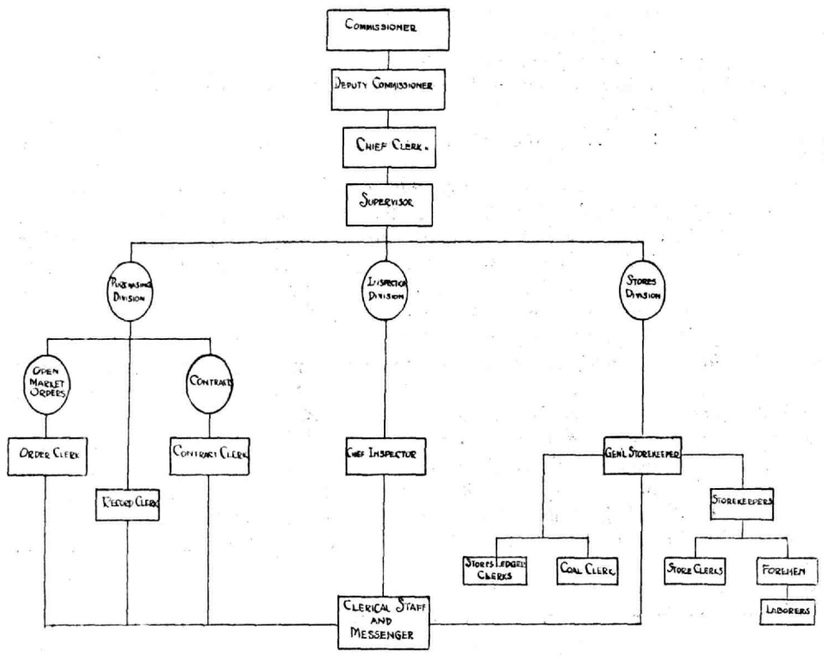
The Bureau has jurisdiction over the purchase, storage and distribution of supplies. In order to efficiently perform these duties a central office was established adjoining the administrative offices of the Department in the Park Row Building, Manhattan.

It is proposed to keep stock ledgers forming practically a running inventory of supplies on hand at the various storehouses over which the Bureau will have complete control, and which will be located at points insuring the most economical as well as efficient means of distribution of materials. The maximum and minimum stock limits recorded on the stock ledger sheets will be one important means by which the rate of consumption of supplies can be watched.

Special effort will be made in regard to the storage of supplies, and storehouses equipped on modern methods are planned, together with improved devices for properly stocking and caring for heavy material stored in the open. A system of control is in the process of completion that will insure accountability for all stores.

Sub-divisions.

The work of the Bureau may be sub-divided on a functional basis and be shown as follows:



Open Market Order Division.

Since the beginning of your administration bids have been obtained on all open market orders. Invitations for bids are sent to the trade and all bids are opened in the Bureau of Supplies at stated times, and in the presence of the bidders. The names of the bidders, together with their bids, are then shown on the bulletin board located in an accessible and conspicuous place in the Bureau of Supplies. This procedure has given the most satisfactory results and has insured the City of obtaining supplies at a minimum cost.

Contract Division.

The Contract Division of the Bureau has been given supervision, and methods have been applied to this manner of purchasing supplies that will insure of active competition in the open market. Schedules of quantities of supplies to be purchased on contract are properly classified on a commercial basis and awards made to the lowest bidder on each item. This plan also allows of an accurate cost distribution.

A large saving has been made in the cost of printing supply contracts by the adoption of a standard form of contract having blank forms in which the schedule of quantities and specifications for any class of supply can be inserted. Great advantage was gained by this innovation, not only by the material redution of the printing bill, but by the fact that forty (40) days, equivalent to 33 per cent. of the average time required before a contract for supplies could be let formerly, were eliminated, with a resultant substantial saving to the City in the cost of labor. It is proposed to have a similar contract for "work to be done."

Standardization of Supplies.

The work of standardizing supplies purchased by the Department has been carried on in a systematic manner and standard forms of specifications adopted on the basis of the factors of economy and quality of material.

The Bureau of Supplies is provided with ample room for public lettings and is equipped with steel furniture throughout, all of which will be available for the new Municipal Building. A library of trade catalogues has been collected and classified as an aid in purchasing and selecting supplies.

Inspection Division.

The Inspection Division of this Bureau was inaugurated in order to insure supplies delivered to the Department being in conformity with the specifications.

It is proposed to continue the work of the Bureau along the lines adopted during this year in order that this branch of the Department may be operated on business principles and in a manner insuring the most improved and efficient methods now employed by private enterprises.

The satisfactory results accomplished by this Bureau are due to its operating staff, whose energy and co-operation permitted a consolidation and the installation of new methods in addition to the regular routine work of the Bureau.

Respectfully submitted,

J. L. PULTZ, Secretary to Commissioner in Charge of Bureau of Supplies.

ENGINEERING BUREAU.

June 21, 1911.

Hon. HENRY S. THOMPSON, Commissioner:

Dear Sir—I beg to submit herewith report showing the condition of the water supply in the various boroughs, and the work done in connection therewith during the year ending December 31, 1910.

Organization of the Engineering Bureau.

During the two or three years preceding the advent of the present administration, the work of the Engineering Bureau had been gradually parceled out, so that it was in charge of no less than six independent heads acting without concert or co-operation, and reporting directly to the Commissioner, thus creating a condition of things readily imagined. The various divisions and heads of the same were as follows:

Chief Engineer in charge of the water supply for the Boroughs of Manhattan and The Bronx, but without having any jurisdiction over the high pressure fire service stations in Manhattan.

Chief Engineer in charge of the water supply for the Borough of Brooklyn, but with no jurisdiction over the high pressure fire service stations in that borough; also in charge of the Inspection and Meter Reading Division which is normally under the Water Register.

Supervising Electrical Engineer in charge of the high pressure fire service stations in Manhattan and Brooklyn.

Engineer in charge of the Borough of Queens.

Engineer in charge of the Borough of Richmond.

Chemist in charge of the laboratory work.

Under this plan, the work in each bureau was carried on as the head of that bureau saw fit, there being no technical head to co-ordinate the work, or standardize appliances, specifications and methods of operation. The cost to the City in salaries and supplies for maintenance and new construction was thereby considerably increased; furthermore, the more experienced and better qualified men were only available for one or two boroughs.

Recognizing the need of a radical change on taking office as Commissioner, and appointing me to take charge of the water supply as Chief Engineer for all five boroughs, you directed me to prepare a plan of reorganization. This work, comprising the rearrangement of a force of about twenty-five hundred men, required careful consideration, but by devoting to it constant attention and extending our labors long beyond official hours, the new organization was completed, approved by you, and put into effect about March 20.

The plan of organization is shown in Diagram A.

The work of the water supply system is divided into two main branches, i. e., maintenance and construction, both being under the Chief Engineer as the central responsible head, who directly reports to the Commissioner. The maintenance and operation are placed directly under the Deputy Chief Engineer, the Chief Engineer supervising this work as well as directly that of construction, and assigning to the Deputy Chief Engineer such portions of the latter as may be deemed advisable.

While thirteen divisions were provided in the reorganization plan, it was found that the Inspection Division could better be handled by consolidation with the Mechanical Division, and the inspection work is therefore controlled by the head of the Mechanical Division.

The abolishment of the Aqueduct Commission on June 1 and the transfer of its duties to the Department of Water Supply, Gas and Electricity necessitated the temporary formation of the Croton Falls and Jerome Park Reservoir Divisions. Upon completion of the Croton Falls Reservoir estimate it is expected to abolish these divisions and later form a filtration division to take charge of the filtration of the Croton supply.

The present divisions are as follows:

Designing Division.
Mechanical Division.
General Construction Division.
Water Main Construction Division.
Laboratory Division.
Contracts and Statistics Division.
Water Measurement and Water Waste Division.
Croton Falls Division.
Jerome Park Reservoir Division.
Borough Engineer, Manhattan and The Bronx.
Borough Engineer, Brooklyn.
Borough Engineer, Queens.
Borough Engineer, Richmond.

The work assigned to each division is shown plainly by the designation. In accordance with the borough organization under Deputy Commissioners, the Borough Engineers are given full charge of maintenance and operation work in their respective boroughs, Manhattan and The Bronx being placed under one Engineer, as the supply for these boroughs is obtained from the same sources. It is expected to have an Engineering Office in the Borough of The Bronx, to make such investigations and reports as may be required by the Deputy Commissioner of The Bronx.

In spite of the radical change made and the magnitude of plan of reorganization during the year that has elapsed since it went into effect, it has worked most successfully, all parts running smoothly, and only slight modifications have been found advisable. The more important is the assignment of two Supervising Engineers, one to keep in touch with the civil engineering, and the other with the mechanical engineering work. In the Mechanical Division, provision is furthermore to be made for a bureau to take charge of the standardization of operation of the various pumping stations, and the prosecution more actively and thoroughly of the problems relating to the use of the most economical fuel and appliances.

The advantages that have been gained by reorganization were summarized in the report for the first quarter, as follows:

1. Consolidating the direction of the work of the Engineering Bureau under one Chief Engineer in place of six Bureau Chiefs.

2. Subdivision of the construction and maintenance work with the responsible heads in charge of the various branches of this work.

3. Placing a responsible engineering head in charge of the maintenance work of each borough, with the Deputy Chief Engineer and the Chief Engineer having general control of the work.

4. Reduction in annual cost in both construction and maintenance, due to standardization of all work of the Engineering Bureau, and harmonizing the development of the water supply for all boroughs.

As a result of the reorganization, it has been possible to eliminate works which had been proposed in the Boroughs of Brooklyn and Richmond, to construct which would have cost about $1,800,000. By substituting other works, which would cost less than twenty per cent. of this amount, a more satisfactory supply and pressure can be furnished, and the annual charges will be reduced by about $200,000. The elimination of unnecessary men has resulted in a reduction in the salary account of about $360,000, the salary account in October, 1909, amounting to $2,957,000, and in October, 1910, to $2,597,000, leaving out in 1910 the men on water waste work, this work not having been carried on in 1909. The above amount includes the payroll of the Aqueduct Commission men for 1909, and the men transferred from the Aqueduct Commission who were employed by the Department in 1910.

* * * * * * * *

Table No. 1 shows the force employed in the Engineering Bureau on December 31, 1910.

CONDITION OF THE SUPPLY.

Manhattan and The Bronx.

Mr. W. W. Brush was appointed as Deputy Chief Engineer on June 13, 1910.

The consumption in 1910 was 331 million gallons daily, and in 1907 it was 330 million gallons daily, showing practically no increase during the past four years. This is abnormal and probably due in part to the extension of the meter system and to the business depression in 1907, a large amount of water being used in the Borough of Manhattan for manufacturing purposes.

The increase this year as compared with last year amounts to eight million gallons daily, and it is reasonable to expect the normal yearly increase in 1911 and subsequent years, so that special measures should be taken to reduce waste in order to keep the consumption within the safe limits of the supply.

The rainfall of 1910 was very unequally distributed, the amount for the Croton Watershed being 42.98 inches, of which 26.99 inches, or 63 per cent., fell during the first half of the year. During the last six months the rainfall amounted to 15.99 inches, which was only slightly more than half of the amount during the first six months. At the end of June practically all the reservoirs on the watershed were filled, and taking the worst conditions that had been recorded during the past 43 years, i. e., from 1868, there was apparently a safe supply of 340 million gallons daily available from the Croton Watershed. In the latter half of 1910 the rainfall and resultant runoff of the Croton Watershed were abnormally low, and the greater part of the water used was drawn from storage. By December 31 the amount on storage had been reduced to 40,000 million gallons, which was, however, more than the storage that would have been available had the conditions of the low rainfall year of 1880 been repeated in the latter half of 1910.

Unless the conditions in 1911 are worse than those in 1881 and subsequent years following the low rainfall of 1880, there will be no difficulty in maintaining the supply necessary to meet the demands of the consumers. On the other hand, it is not advisable to practically exhaust the storage and depend upon heavy rainfalls to refill the reservoirs, as there may be experienced conditions even worse than any in the past 43 years. It will therefore be prudent to conserve, in every way possible, without actually cutting off the pressure or the supply, the present water resources, pending the completion of the Catskill works. Even with the reduced storage on December 31, 1910, and assuming the lowest runoff which occurred in any year, i. e., in 1880, the

Croton River would still be able to supply 305 million gallons daily, but this would totally exhaust the storage in the early part of the following year. Under the conditions that existed in 1910, there was no reason to go to the expense of special measures to reduce the consumption, but with present conditions, unless the storage in the Croton reservoirs is greatly increased by the spring rains, it will be the part of prudence to have an efficient house-to-house inspection throughout the Boroughs of Manhattan and The Bronx. If, on the other hand, the reservoirs are again filled, there will be no reason to anticipate a shortage of supply prior to the introduction of the Catskill water.

The extreme low rainfall was felt more severely by those cities and towns near New York which have no storage reservoirs. To avoid shortage of water in some of the towns, request was made for a temporary supply from New York City's aqueduct, and permission was granted to Mount Vernon, Yonkers, Hastings and White Plains to obtain such supply. The following table shows the time during which water was supplied and the amount furnished:

City or Town Supplied.	Date of Commencing Supply.	Date of Cutting Off.	Total Amount Furnished, Gallons.
Town of Greenburgh, Villages of Ardsley, Hastings, Dobbs Ferry, North Tarrytown—by the Consolidated Water Co. of Suburban New York	Sept. 21	Nov. 4	93,232,014.00
	Nov. 24	Dec. 27	52,636,241.25
City of Yonkers			69,497,587.71
Mount Vernon	Sept. 29	Dec. 31	5,841,952.31
	Oct. 2	Dec. 31	28,746,940.00
	Sept. 20	Oct. 27	7,546,572.00
			257,501,307.27
White Palins	Mch. 25 / Apr. 27	Apr. 11 / May 17	11,801,944.00
Total			269,303,251.27

This aid was given as the amount of water required was comparatively small, in total amounting to about 81 per cent. of one day's supply. It was considered that the City was morally obligated to help out these communities which were less fortunately situated, when such aid could be given with little or no danger to the City's supply.

Quality of the Supply.

The increased population on the watershed, due to the construction work being carried on by the Board of Water Supply, resulted in additional pollution of the supply. This was especially noticeable when the heavy rains of June carried a large amount of surface material into the streams. Careful examinations did not show any indication of typhoid pollution, nor did the cases of typhoid in the City increase abnormally.

Purification by Hypochlorite of Lime.

As a temporary expedient, to meet the condition of the supply, hypochlorite of lime was introduced at the new Croton Gatehouse, the lime being thrown dry directly into the supply, and later a temporary chlorinating plant was erected, so that the hypochlorite in solution could be fed into the supply. At first eight pounds per million gallons was used, and this amount was gradually increased until finally twenty pounds per million gallons was adopted. Beneficial results were obtained, and during the year chlorinating of the supply was carried on whenever conditions indicated the necessity for treatment.

Plans are being prepared for a chlorinating plant located at Dunwoodie, so that the supply can be regularly treated, as the present supply is hardly a safe one without treatment. It is expected that a smaller quantity of lime may be used when regular treatment is carried on.

Hypochlorite of lime was also used in the various branches of the Croton River where pollution was frequent, and four small chlorinating plants are to be erected on the following streams: Kisco River, Katonah Brook, Fowler avenue, Carmel, Tonetta Brook, Brewster.

Disposal Plant at Mount Kisco.

The completion of the Mount Kisco sewers and disposal plant will eliminate one of the most dangerous sources of pollution in our watershed. Negotiations have been entered into with the authorities of the Village of Brewster for the construction of sewers and a disposal plant for this village under the same form of agreement made with Mount Kisco. The recommendations made in previous reports by me to secure the passage of an act enabling the city to enter into similar arrangements with the various villages and communities on the Croton Watershed are herewith renewed.

In the latter part of August, complaints about the disagreeable taste and odor in the water became frequent, this condition of the water being caused by a heavy growth of aphanizomenon, a microscopic algae growth, which imparts a very disagreeable taste and odor to the water. For the week ending August 6 there were 435 units of this per cc., the number increasing, so that for the week ending August 27 there were 2,450 per cc. The following week there were 4,550 per cc., and from that time until the end of the year the number continued large, the maximum recorded for any week being 26,500 units at the Cornell Dam, Croton Lake, during the week ending September 17. The maximum figures for this growth are reported at the 135th Street Gatehouse as follows:

	Total Organisms.	Aphanizomenon.
September 5	6,495	5,150
October 19	7,225	6,600

This growth was most prominent in the following reservoirs: Croton Lake, Kirk Lake, Middle Branch Reservoir, Muscoot Reservoir, and Sodom Reservoir, in the order named. Practically all reservoirs had a slight growth during portions of the year. The chief source of the heavy growth is the shallow coves of Croton Lake.

On account of the very large quantity of water in these reservoirs, it was impracticable to treat them with the copper sulphate.

Had it been possible to filter the supply there would have been no trouble from these growths. It was caused mainly by the low rainfall and the large areas of shallow flowage formed by the reservoirs constructed during the past few years. It is anticipated this trouble will recur, and while attempt will be made to reduce the difficulty by the introduction of copper sulphate, it is not expected that this treatment will give satisfactory results. It is therefore evident that the filtration of the Croton supply, which has been urged by the Engineering Bureau for so many years, and recommended by the Board of Health, will be demanded by the citizens, not only as an additional safeguard from pollution of the supply, but also and very particularly to free the water from the very disagreeable tastes and odors which filtration alone can effectively remove. The recommendation for filtration of the supply was renewed by the writer on December 17, 1910, and the matter is now before the Board of Estimate and Apportionment for action.

The supply from the Bronx and Byram Rivers has been of normal quality during the year. On June 24, the Board of Water Supply commenced treatment of the water by the use of hypochlorite of lime, and has continued the treatment since that date. The amount used per million gallons was six pounds, increasing to eight and then to sixteen pounds, and the treatment has generally been effective. This treatment was required on account of the extensive works which the Board has under contract in connection with the construction of the Kensico Reservoir. A large number of men are working above Kensico Lake and there has, therefore, been danger of additional pollution. It is expected that the treatment of the water will be continued until the work of the Board of Water Supply reaches a point where there is no further likelihood of pollution from the presence of the workmen.

Brooklyn.

The consumption in this borough shows a decided increase as compared with previous years. This is due to the comparatively rapid increase in population and the addition of territory lying outside of the 29th Ward, that was previously supplied by the Flatbush Water Company; the increased consumption for business purposes; and the high consumption due to very cold weather in January and February and also in December. This increase has occurred in spite of the measures taken to reduce waste, and is above what would normally be anticipated. With the house-to-house inspection and the waterfront pitometer survey that are being carried on, it should be possible to reduce the rate of increase in consumption, so as to hold that for 1911 the same as that for 1910.

The rainfall on the Brooklyn watershed was low in the same proportion as on the Croton watershed. The total rainfall for the first six months was 20.57 inches, and for the last six months 14.10 inches. The total rainfall of 34.67 was, with eight exceptions, the lowest experienced since 1826. This low rainfall resulted in lowering generally, the water table on Long Island, and decreasing the yield from the various subsurface sources of supply. The surface supply was practically eliminated and it was necessary to depend upon the underground developments for the other half of the year. The increased draft resulted in increase in the amount of chlorine, but it was possible to obtain the necessary water to maintain the supply without any serious curtailment of the pressure.

The condition of the Brooklyn supply when in January of 1910 you assumed charge of the Department as Commissioner thereof, was so critical that you deemed it advisable to make a visit of inspection to the Brooklyn system, accompanied by the President of that borough and some other municipal officials, as well as leading members of civic associations and prominent citizens, so that the actual conditions might be ascertained and publicly known, and general co-operation secured to facilitate the adoption of the measures required to remedy the existing conditions. These were indeed precarious; the Ridgewood reservoir, our main centre of distribution, barely held over one day's supply, and, owing to inadequate pumping capacity and disabled engines, was falling still lower; the conduit capacity was inadequate because we were unable to use the 72-inch steel pipe which was cut in two places as a result of a long standing controversy with the Long Island Railroad, and the very supply from the Brooklyn watershed and city stations, through the complications of some years past arising out of the "Titus Contract," was crippled to the extent of nearly 18,000,000 gallons per day, our own station at Jameco and the stations at 6th street and Forest Park having been shut off by Mr. Titus and out of service for some time past. The concentration in Brooklyn of the available resources of men and material from other boroughs which could spare them, and energetic action, quickly brought about a marked improvement. Four small pumping engines with a daily capacity of about 9,000,000 gallons were soon erected at the Ridgewood station to help the pumping; an agreement was made with Mr. Titus to arbitrate the complications of years arising out of his contract, and under the terms of that agreement the Jameco station, the 6th st. plant and the Forest Park plant were soon put into operation. The difficulties with the Long Island Railroad which prevented access to the 6th st. plant having been removed, and all pending matters with the Long Island Railroad Company in regard to the right of way for our 72-inch pipe line having been adjusted, we were soon in a position to utilize the steel conduit, which had cost us over $4,000,000, and secured thereby sufficient conduit capacity.

Through these various measures a temporary supply of 16,000,000 gallons daily was obtained.

The supply of 4,000,000 gallons daily which was being obtained from the 6th st. plant was cut off in April, due to the high chlorine content of the water, and this plant has since been out of commission.

The well-driving gangs which had been employed on driving test wells in the upper part of the island, were placed on developing an additional supply at existing stations and by the end of the year the supply had been increased by 12,300,000 gallons daily.

The supply is not as yet sufficient to safely meet the demands of the consumers during periods of exceptionally low rainfall, such as occurred during the summer and early fall of 1910. Plans have therefore been prepared for additional development within the borough limits, by the establishment of three driven well stations and also additional developments along the conduit line from Spring Creek to Massapequa by driving additional wells at existing stations and establishing new stations especially for the development of the deep well supply.

In 1910 the yield from the watershed lying east of Rockville Centre was 0.559 million gallons daily, while that from the watershed lying west of Rockville Centre was 0.951 million gallons daily per square mile. The watershed east of Rockville Centre is more favorable for the collection of water than that west of Rockville Centre, so that an additional supply could be obtained from this watershed.

In Brooklyn it is impossible to have an entire failure of the supply, such as could occur in Manhattan, as the enormous natural reservoir formed by the porous materials on the south side of Long Island prevents a sudden exhaustion of the water. The situation, therefore, is much less grave in Brooklyn than in Manhattan and The Bronx, but it is important, nevertheless, that prompt measures should be taken to develop the additional sources available for Brooklyn and thus avoid complaint on the part of consumers of reduced pressure due to lack of supply.

The quality of water supplied to the Borough of Brooklyn has been excellent throughout the year. The algae growths that have occurred in the Ridgewood and Mount Prospect reservoirs have been controlled by copper sulphate treatment, the growth giving the most trouble being the asterionella. It was found necessary to treat the various basins as follows:

Date	Reservoir	Copper Sulphate Parts per Million	Asterionelli Units
	Ridgewood		
June 28	Basin No. 2	1-4	4,500
Sept. 28	Basin No. 2	1-4	3,300
June 15	Basin No. 3	1-4.5	4,000
Aug. 12	Basin No. 3	1-4	4,500
May 4	Mount Prospect	1-3	8,000

The iron contents in the Brooklyn supply have reached too high a point, the average for the year being about 7-10 parts per million. This iron comes mainly in the supply from the following stations: Jamaica Shallow Wells, Queens County Water Company, St. Albans, Rosedale and Springfield, in the order named.

It is expected to make experiments to determine the best method of removing the iron from the water supplied by these stations, and we anticipate comparatively little difficulty and expense in obtaining satisfactory results. It will probably be necessary to filter the water after aerating the same.

Special care and attention have been given to the cleaning up and patroling of the streams yielding the surface supply and all these streams, with the exception of the Massapequa stream and a portion of the Baisleys and Wantagh streams, have been cleaned up by cutting away the brush from the banks and removing the debris and muck from the stream beds. As the driven wells furnish 53 per cent. of the entire supply delivered to Brooklyn, there was only a small portion of the supply exposed to pollution.

Queens.

In the First Ward of this Borough there are three small driven-well stations that furnish an average supply of only 1.6 million gallons daily, and 7.1 million gallons daily are purchased from the Citizens Water Supply Company. Up to May a small supply was purchased from the Bowery Bay Improvement Company, but the water was so high in chlorine that this company was ordered on April 30 to discontinue the supply. Station No. 2, which is located in the northeasterly part of the borough, also showed a very high chlorine content and since about June 1st has been run with only one shift, thus reducing the amount of chlorine. Owing to inadequate delivery main capacity, it was impossible to obtain, from the Citizens Company, sufficient supply to maintain the required pressure for the high ground in the First Ward, and during the period of high consumption in the summer there was complaint of lack of pressure. The new 30-inch main, which was being laid from the ward boundary on Hoffman Boulevard, through Hoffman Boulevard and Union Turnpike to Citizens Water Supply Station No. 3, was completed sufficiently so that water was turned on about December 6. There has since been no complaint of lack of pressure, and it is not expected there will be any trouble in the future, unless the Citizens Company finds it impossible to supply the necessary water to meet the requirements of its own consumers and also to furnish the supply the city requires in the First Ward.

It was expected that a main could be laid, connecting the boroughs of Manhattan, Brooklyn and Queens, and that an additional supply for the First Ward would be available through this main by the fall of 1911. The difficulties experienced in finding suitable location for the pipe line crossing the East River have delayed this work, and it will not be practicable to obtain water from this source prior to 1912, even though water were available from the Croton watershed.

Negotiations are now pending between the Bridge Department and this department for permission to lay a temporary line across the Blackwell's Island Bridge and negotiations are also being carried on with the Consolidated Gas Company to permit the construction of a pipe line in the Gas Company's tunnel running from Long Island City to 71st st., Manhattan.

It is probable that a pipe line can be laid either in the Gas Company's tunnel or across the bridge, and thus furnish the means of delivering an ample supply of soft water to the First Ward, Queens. This connection would be valuable after the introduction of the Catskill supply, for the purpose of giving an additional feeder to Long Island City from the Catskill tunnel, and under certain conditions it would also help the Brooklyn system. Investigations are being made of the practicability of increasing the supply from Stations 1 and 3 in Long Island City, but conditions are not favorable for any extensive development at these stations.

In August the writer recommended that a contract be entered into with the Urban Water Supply Company, to supply from 1,000,000 to 3,000,000 gallons daily from deep well stations being constructed at Maurice ave. opposite Zion Cemetery in Maspeth. This company had developed a supply of water at a depth of about 110 feet, which was apparently of excellent quality, and which they offered to deliver into the City's mains at $55 per 1,000,000 gallons, which is $10 lower than the amount paid to the Citizens Company. No definite action has been taken on this contract up to the present time.

If the contract with the Urban Company is entered into, and if the pipe line between Manhattan and Queens is constructed, and if a pipe line connecting the First and Third Wards is laid, there should be no difficulty in furnishing an adequate supply to the First and Third Wards in the Borough of Queens up to the time Catskill water is available.

The Third Ward is supplied by three stations which deliver water into mains owned by the City. In addition, a small supply has been obtained from one of the plants owned and operated by the Citizens Water Supply Company, located at Douglaston, which delivers water through a meter at the City line at Douglaston. Plans, contracts and specifications had been prepared by the writer for the improvement of the Bayside station, enlargement of the pumping plant, and for an additional supply by building a filter plant for the Oakland Lake waters and developing the deep and shallow water bearing strata by means of wells; and the contracts for these works were ready for advertising, when, on March 16, 1909, Commissioner O'Brien ordered that the engineering work in the Borough of Queens should be placed under the direction of an independent Assistant Engineer reporting directly to him. Upon again taking charge in January, 1910, the writer found that the work on the filter plants had been practically at a standstill, owing to numerous and complicated disputes with the contractor; that the main suction line for the wells was broken and a portion of the supply from these wells cut off; that a new and necessary suction line had not been provided; that but six deep wells were being driven under contract; that the two new pumps which were to be furnished had not been properly inspected; and that slow progress was being made in their installation. The disputes with the contractor for the filter plants were settled, so that the work was carried on, but owing to financial difficulties, the contractor did not make satisfactory progress, and finally the work was declared abandoned by the Commissioner on December 6, 1910. About 65 per cent. of the work has been completed and it will be necessary to re-advertise the contract for the completion of the same. The six new wells have been finished with the exception of pumping. A contract has been let for a new suction main, and a contract let for additional deep and shallow wells. The pumps have been completed and are practically ready for testing.

At the Whitestone Station five wells, which were under contract, have been completed. Contract has been let for a new suction main, and a separate contract for additional deep and shallow wells. Plans have been well advanced for the development of this station so as to obtain a yield of about 2,000,000 gallons daily instead of the 300,000 to 400,000 gallons now being obtained.

At the Flushing Station, arrangement has been made with the Long Island Railroad Company, whereby a portion of the old roadway adjoining the station is to be leased from the Company and additional wells driven.

The present consumption of the Third Ward is 4,000,000 gallons daily, and with the proposed developments a supply of from 8,000,000 to 10,000,000 gallons daily could be available. The surplus water will be used for helping the First Ward, thus reducing the amount purchased from private companies.

The private companies supplying the Second, Fourth and Fifth Wards have been able to meet the demands of their consumers without difficulty.

As the Queens supply is altogether from driven wells, with the exception of a small quantity of water that is drawn from a pond near the Flushing station, this pond being fed wholly by springs, there is little opportunity for pollution, and the supply has been in excellent condition, from a sanitary standpoint.

The chlorine content in a portion of the supply for the First Ward is high and the hardness of the water makes it unsatisfactory for manufacturing purposes.

Richmond.

Since the Crystal and Staten Island Water Companies were taken over by the City in the early part of 1909, difficulty has been experienced in furnishing sufficient water to meet the requirements of the consumers, and during the extreme cold and hot weather it was necessary to haul water in carts to supply the higher parts of the island. This condition existed, also, while the private companies were supplying the greater part of the island.

In the early part of the year a shortage of supply was experienced, and in February an investigation was made of the sources of supply that were available for the Borough of Richmond. The following quotation from the report for the first quarter shows the proposed developments to give an adequate supply for Richmond.

"Realizing the necessity for additional supply for the Borough of Richmond, investigation was started in the early part of February to determine the development of the local sources of supply. Geologist Arthur C. Hollick was employed to report on the geological conditions, and on February 28 a report was submitted outlining the proposed development of the supply for the island, which may be summarized as follows:

"First: Temporary relief by driving wells some distance up the valley, above the West New Brighton Station, to eliminate the high chlorine in the water from this station.

"Second: Development of additional supply along the Southfield boulevard.

"Third: Development of additional supply along the northwest side of the island and consolidating the Old Bull's Head, New Bull's Head and New Springville stations.

"Fourth: Developing the additional supply at the Clove Station.

"Fifth: Eliminating the Tottenville and Grant City Stations."

The prohibition by the Legislature of the State of New Jersey of the transportation of underground waters outside that State abrogated the contract with the Hudson County Water Company, under which it was expected to obtain from three to ten million gallons daily for Richmond, and it will therefore be necessary to depend entirely upon local sources until the Catskill supply is available. We should have no difficulty in making adequate provision if the plans already made by this Bureau to check waste are carried out.

The Board of Water Supply was notified that local sources would be developed to meet the requirements of the Borough up to the time Catskill water was delivered, and it was not expected to take water from Long Island for Richmond. Therefore, it would not be necessary for the Board to immediately lay the connecting main across The Narrows.

Steps were taken to conserve the supply in the early part of the year by a house-to-house inspection and examination of the system to determine leakage. It was found that a large amount of water was wasted through flush tanks connected with the sewer system, and also that the plumbing in many buildings was in poor condition. The cutting off of this source of waste has made it possible to maintain the water level in all the reservoirs, even during the periods of high consumption in the extreme hot and cold weather. It was, however, impracticable to allow sprinkling of lawns during the dry season, but aside from this deficiency practically no complaints of lack of pressure have been received.

The water in Richmond, being obtained from driven wells, is excellent, from a sanitary standpoint, but is very hard. The water from the West New Brighton and Grant City Stations is very high in chlorine, showing the infiltration of sea water, while the water from the Tottenville Station is very high in iron. The new wells at West New Brighton should materially reduce the quantity of chlorine in the water, and, if necessary, additional wells will be driven to still further improve the quality of the supply from this station.

The amount drawn from the Grant City Station will be reduced by the development along the Southfield boulevard, the present station being eliminated and a new station being built nearby. The Tottenville Station is to be abondoned. When the new works have been reconstructed, the supply for Staten Island should be of fairly good quality, but not as good as that which will be obtained from the Catskill sources

As Staten Island has an excellent waterfront, suitable for manufacturing purposes, the development of the island will be greatly accelerated by the furnishing of a satisfactory water supply and, therefore, although the Catskill supply will be much more expensive than the present supply from local sources, it will be advisable to use the Catskill water to foster manufacturing industries in Richmond.

COLLECTION SYSTEM.

Manhattan and Bronx.

The available collection works on the Croton watershed were increased by the practical completion of the Croton Falls Reservoir. The gates controlling the flow from the main reservoir were closed on June 17 and 1,200 million gallons were stored in this reservoir by July 26. The water from the reservoir was in an unsanitary condition, due to organic matter and growths always present when a new reservoir is filled, and this water was treated with lime when it was drawn off.

Careful and systematic patrol of the various streams and reservoirs has been continued, the patrol system being under Inspector Coffin. In the past sufficient force has not been available for this patrol work and five additional men have been allowed for the work in 1911.

In order to secure more efficient action in abating nuisances, this Department solicited the co-operation of the Law and Health Departments, who detailed representatives to visit and inspect the existing nuisances and report thereon. The Law and Health Departments were represented by Mr. I. J. Beaudrias and Messrs. M. B. McMillan and C. Bolduan, respectively, and this Department was represented by Mr. D. D. Jackson, the Chemist in charge of our Laboratory, and Mr. T. de L. Coffin, Sanitary Inspector of our watershed. These men examined all nuisances and probable sources of contamination, classifying them under the following headings:

1. Where the nuisances can be abated without destroying the use to which the property is devoted.

2. Where the community is so large that the continuous pollution would be so great that it would be impracticable to abate the numerous nuisances individually, and general or local disposal of the sewage and waste water will be necessary.

3. Where to abate the nuisance would destroy the use of the property, so that the remedy would confiscate the land.

Concerted action has been taken towards the removal of the most dangerous nuisances and effective work has been accomplished, some nuisances which have existed for many years having been abated.

I have so often, in previous annual reports, exposed the utter inefficiency of the present law for the abatement of nuisances, owing to the dilatory and cumbersome methods therein prescribed, that it seems unnecessary to make further comment on the imperative need of a law which will protect the purity of the supply by more satisfactory safeguards in the future.

The chlorinating of the streams which receive the greatest amount of pollution has been carried on as well as is practicable without suitable chlorinating plants, and beneficial results have been obtained. By securing the co-operation of the local physicians, cases of typhoid on the watershed have been promptly reported, and the necessary measures taken to prevent pollution of the supply.

The chlorinating of the main supply has increased the work to be done by the maintenance force, as the crude methods which it has been necessary to adopt for temporary use required a larger force than would be necessary with suitable equipment.

Contracts were prepared for painting bridges and also for 40 miles of new fencing. It is proposed to fence all the City property and bring the buildings, bridges, etc., of the water works into first-class condition.

Brooklyn.

The collection system for Brooklyn has been increased during the year by the addition of the Hook Creek and Baldwin Stations. The proposed station at Horse Brook was temporarily abandoned, as it was not considered this station was situated advantageously for immediate development of subsurface supply.

The existing subsurface works have been improved and extended by the work of the driven well gangs, this work consisting in cleaning out and pumping existing wells.

An attempt was made about the middle of December to operate the Massapequa Driven Well Station, which had been inactive for a number of years, but the suction main was split in many places due to frost, and the wells were found to be in poor condition. The station was put in operation with 39 wells in service on December 29, pumping about 1,000,000 gallons per day.

An 8-inch test well was driven to a depth of 208 feet at Hicksville, L. I., and an 8-inch test well driven to a depth of 143 feet at King's Highway, Borough of Brooklyn. Also, an 8-inch test well being driven at the Baldwin Pumping Station is down 190 feet.

Two-inch test wells for ground water observations were driven as follows: Two at Springfield, three at Hook Creek, four at Clear Stream.

House wells were driven by Department labor as follows: Two at Canarsie, six at Springfield, five at Rosedale, one at Aqueduct, two at Wantagh, six at Massapequa.

These are 2-inch wells with 5 feet of double gauze strainer, and the average depth is 30 feet.

As far as possible the grounds around the stations have been cleaned up and surplus material removed. A great deal of work is to be done on the fencing and grading of the grounds, but the greater part of this work will be under contract.

The regular patrol system for streams has been maintained, together with the removal of pans in closets located near the streams. Eight additional closets have been panned.

A similar committee to that formed for the Croton, Bronx and Bryam watersheds was organized for Brooklyn, the representatives of the three departments being as follows: Law Department, Mr. Edward S. Malone; Health Department, Mr. M. B. McMillan; Water Department, Mr. D. D. Jackson and Mr. Wm. F. Laase.

This committee has inspected the watershed and classified the sources of pollution. The members of the committee consider that in most cases it will be necessary to purchase property in order to abate the nuisances. These nuisances, however, are not generally of a dangerous character, and owing to the small quantity of surface water used, it will probably be practicable to eliminate or filter the surface supply when the pollution becomes dangerous.

To maintain the water level in ponds affected by the operation of the City's stations drawing their supply from subsurface sources, water has been allowed to flow into the Massapequa Pond below Massapequa Infiltration Gallery Station, and into the pond owned by Mr. George W. Loft, located between Rockville Centre and Baldwin. and south of the railroad station.

An agreement was entered into with Mr. George Stanton-Floyd-Jones for the maintenance of the water level in his pond on the Merrick road south of the Massapequa Gallery, and negotiations are pending covering the maintenance of the water level in Unqua Pond, which lies south of the easterly portion of the Massapequa Gallery. The Court of Appeals decided that the original proceedings which covered the acquirement of this pond and the maintenance of the water level were illegal, and it was therefore necessary to negotiate with the owners to prevent new condemnation proceedings.

The suits of John H. Strang, Franklin Soper, Adam Gaenger No. 1, Henry Netrsch No. 2, Frederick Weiners, Henry Calvert No. 1, Clara Byrne, John J. Bedell and Jacob Wiebel No. 1, owning property located from 1¼ to 3 miles north of the Massapequa and Wantagh Galleries, were brought to trial on May 6, before Justice Putnam. These cases involved claims aggregating $214,199.01, and many other claims of a similar nature are pending. The cases were vigorously fought by the City, and on December 17 Justice Putnam decided that the plaintiffs had failed to prove the City had caused any lowering of the water table under lands in question, and consequently there was no damage to the property. While it is probable these cases will be appealed, the verdict was a very important one for the City.

The City was also successful in the trial of Willis vs. The City for damage to a farm located north of the Milburn Station. This case was tried in the spring of

1909, its presentation requiring about three weeks. Justice McCall, who tried the case, did not render his decision until November 7, and then held that the plaintiffs had failed to prove their case, and dismissed the action.

This water diversion litigation requires the constant attention of a corps of about fifteen men, and forms an important part of the watershed work in Brooklyn.

Queens.

Owing to the supply for the Borough of Queens being obtained from driven wells, there is practically no inspection or maintenance work for the watershed.

Richmond.

The conditions in Richmond are similar to those in Queens, as the supply is entirely derived from subsurface sources. There is therefore very little maintenance work in connection with the collection system, except the washing out and cleaning of wells. Only a small amount of this work was done, it being confined to the New Springville Station, where thirty-seven wells were washed out and cleaned.

CONDUIT SYSTEM.

Manhattan and The Bronx.

The usual work of maintaining the grounds along the old and new aqueduct lines, and pointing and repairing the same, was continued during the year. In addition, the old aqueduct was examined and leaks repaired at 164th st. The shutdowns to do the work were as follows: Aug. 13, from 8.20 a. m. to Aug. 20 at 4 p. m.; Aug. 24, from 10.20 a. m. to Aug. 27 at 6 p. m.

Brooklyn.

As far as practicable the grounds along the conduit lines have been cleaned up, but owing to the force being employed on special work for the greater part of the year, comparatively little was accomplished in the way of cutting grass, brush, etc., along the line. It is expected that during the coming year this work can be properly attended to and the grounds kept in much neater condition.

The 72-inch pipe line was put into service from Milburn to Ridgewood on June 10. Pitometer measurements showed that on July 13, 9.6 million gallons were normally being delivered from Milburn to Ridgewood, and it was found that when this flow was increased materially, iron oxide, which had been deposited in the westerly portion of the pipe from the waters delivered from driven well stations, was stored up, and resulted in a very turbid condition of the water. There is practically no way of getting rid of this iron oxide, except by having it carried through the pipes into the Ridgewood reservoir, and it is expected to thoroughly clear the line whenever there is favorable opportunity.

No special repairs have been made to either the old or new brick conduit, or to the pipe line.

Queens and Richmond.

As the driven well stations in the boroughs of Queens and Richmond pump directly into the distributing system, there is no conduit system for these boroughs.

PUMPING SYSTEM.

Manhattan and The Bronx.

The quantity of water delivered from the Jerome ave., 179th st. and 98th st. stations has kept pace with the increase in population in the districts supplied. The low rainfall also caused an increase in the amount pumped at the Jerome ave. station, as it was necessary to supplement the supply from The Bronx and Byram Rivers by pumping the Croton supply into the Williamsbridge service. This resulted in running the station beyond what could be reasonably considered its safe capacity, and the breakdown of one of the Worthington pumps on September 30, curtailed the regular supply of the high service districts. The completion of the new pumps being installed by the Board of Water Supply for the Williamsbridge service will relieve this situation.

At 179th st. and 98th st. stations the full safe capacity has been utilized, and it will be necessary to reduce the consumption and waste in these districts or else provide additional pump capacity.

The Highbridge station was used for part of the day for the greater portion of the year, but by changing the system of discharge pipees it has been practicable to eliminate the use of the Highbridge station since July 5.

The use of small sized coal was continued, with a resultant decrease in cost of fuel. Experiments were carried on with the use of a mixture of semi-bituminous and small sized anthracite coal, the mixture generally consisting of 75 per cent. semi-bituminous and 25 per cent. anthracite. The stations were not run regularly on the mixed coal, however, until August 25 at 179th st., and December 22 at 98th st. This mixture works satisfactorily on water tube boilers, but does not work satisfactorily with the return tube boilers, and its use was therefore discontinued at the Jerome avenue station.

The excellent results obtained during the past year in reducing the cost of operation are shown in Table No. 9.

The High Pressure Fire Service stations have been operated as required and have given thorough satisfaction; only minor repairs have been needed. The details of operation of these stations are given in Table No. 17.

Brooklyn.

The usual work of maintenance, including repairs, has been carried on at the Line stations, and practically no difficulty has been experienced in keeping the engines, boilers, and appurtenances in good condition.

At the Ridgewood station the situation has caused a great deal of anxiety, due to inadequate pump and boiler capacity, which has already been referred to. At this station it has been necessary to run both pumps and boilers beyond their safe limit, in order to maintain the requisite supply, and all the machinery at the station is in need of thorough overhauling. In July, the Worthington triple engine No. 2, having nominal capacity of 20,000,000 gallons daily broke down and at first it was thought impossible to run this engine without thorough overhauling. The engine was patched up, however, so that it could run, pumping with one plunger, giving a capacity of 7,000,000 to 8,000,000 gallons daily. On January 21, 1911, the compensating cylinder of this engine cracked, breaking the crossarm. The broken part of the crossarm was replaced by burning on a new piece, and the engine ran without compensating cylinder as a low duty engine. Worthington triple engine No. 3 has been running with a loose foundation for the water end, and would not be kept in service under anything except an extraordinary condition.

The auxiliary pumps which were placed early in the year have given good service, which has been further helped in running one of the New Lots pumps, taking its supply from the 72-inch pipe line through a 20-inch connection running to the station.

At the Mount Prospect station changes were made in the delivery system so that both the 20 and 30-inch discharge mains were used for the tower service. This reduced the head on the tower pumps by about 15 lbs. and materially relieved the situation at this station.

Small sized coal was used throughout the year for the Ridgewood plant, with the exception of that for the temporary locomotive boilers. This has resulted in a material saving, as shown in the table of cost of pumping. (See Table No. 10.) Experiments are to be made with using No. 1 buckwheat coal where pea coal has been used at some of the stations, and also a mixture of anthracite and semi-bituminous coal where No. 1 buckwheat has been used. An additional economy in fuel will, however, result from the new pump and boiler equipment which is being placed at Ridgewood, which will enable the use of semi-bituminous coal, and also the duty of the station will be materially increased by the substitution of high for comparatively low duty pumps. This will also give sufficient reserve so that the entire equipment may be put in good condition and so maintained.

Upon reorganization in the early part of the year, a large force was dropped from the pumping station gangs, this force amounting to 42 men. The work has been done equally as well, or better, with a reduced force, with resultant economy for the City.

The High Pressure Fire Service stations for the Main and Coney Island systems have responded wherever required, details of operation being shown in Table No. 17. Only minor repairs have been required for the machinery and the equipment has been kept in good condition throughout the year. Up to December 31, 1910, these stations were in charge of Mr. John P. Reynolds, and since that date have been in charge of Mr. H. L. Collins, who formerly had charge of the Oliver st. station, Manhattan.

Queens.

The usual work of repairs to engines, boilers, etc., has been carried on in the Borough of Queens, and while the equipment is uneconomical, it is in fair condition. Station No. 2 has only been operated for one shift since about June 1, as the maximum amount of water obtainable having a chlorine content of less than 50 parts per million is pumped during one shift.

No. 1 buckwheat coal has been burned at the Queens stations in place of the pea coal formerly used, and has given satisfactory results. For the latter half of the year, coal was purchased under standard specifications, which have so far proven satisfactory.

Richmond.

Usual repairs have been made to engines and boilers for the seven stations in this borough.

The Old Bulls Head station, which was credited with pumping about 340,000 gallons dailiy, was shut down on Augusst 11, as the supply drawn at this station could be obtained from the New Bulls Head and New Springville stations. The shutdown of this station did not make any apparent difference in the total yield of the plants and the cost of labor for running the station was saved.

No. 1 buckwheat coal has been substituted for the pea coal previously used, but comparatively little difference in cost has been noticed, as many of the boilers are not equipped to economically burn the small sized coal. Change in the boiler equipment will be made as soon as practicable.

In the latter part of the year, coal was purchased under the standard specifications and satisfactory results obtained.

General.

The question of purchasing the cheaper grades of coal for the pumping stations which formed part of the water supply system, and the necessary changes in the boilers, chimneys and station outfit to allow the use of that fuel, has, owing to its paramount importance, received preferential consideration from this Bureau for many years past. Extensive experiments have been made to determine the most economical fuel for the various stations; the outfit at some of the latter has already been properly remodeled; and as a result of these labors the cost of fuel has gradually decreased, the difference in round numbers being as follows:

Borough of Queens—1905 to 1910.

Year	Coal Used: Cost per Ton	Coal Used: Grade	Cost per Million Gallons Pumped	Saving as Compared with 1905
1905	$6.70	Egg	$16.60	....
1906	7.11	Egg	18.24	....
1907	4.25	Pea	13.14	$6,405
1908	4.30	Pea	12.26	8,480
1909	4.48	Pea	12.55	7,310
1910	3.74	Pea & Buckwheat	12.01	7,370
				$29,565

In the above table the comparison is made with 1905 because it was a normal year. It was also the year in which the present Chief Engineer assumed charge of the Boroughs of Manhattan, The Bronx and Queens in addition to the Borough of Brooklyn and at once undertook the necessary studies and experiments to secure a cheaper grade of fuel than had been in use in Brooklyn. These studies and experiments, and the preparatory work, were completed so that the change was made in 1907, the selection of pea coal being determined at the time by market conditions, and the changes being made in this borough before they were made in Manhattan and The Bronx and because the requisite work at the stations was less, as was also the task of overcoming the difficulties generally interposed by operators in such cases. Furthermore, insufficient appropriations made it imperative to effect a reduction of expenses in that borough without delay. In 1906 there was a strike in the coal mines, and this accounts for the increase shown in the cost of that year. Since then the reduction has been constant, so that in 1910 we would have paid $7,370 more if the condition of the stations and the price of coal had been as they were in 1905. The slight increase in 1908 was due to the need of putting out of service the Bayside station in order to remodel the same, thus reducing the amount pumped.

Borough of Brooklyn.

Year	Million Gallons Pumped At All Stations.	Cost of Coal.	Cost per Million Gallons Pumped.
1909	105,594,830	$440,951.64	$4.176
1910	110,998,470	390,900.16	3.522

As the results of experiments conducted for several years in Brooklyn under the present Chief Engineer of the Department then in charge of Brooklyn, arrangements were made and a contract prepared and advertised in 1906 for Buckwheat coal at all City stations, except Mount Prospect, where Pea coal would be used, and for Bituminous coal at all the line stations. These grades were used until 1907, when the then Acting Chief Engineer of Brooklyn, in making the new contracts, provided for broken coal at all the stations within the City limits where Buckwheat had been used, and also for the Spring Creek Station, where Bituminous had been used, and these grades were continued until the latter part of 1909. The succeeding Chief Engineer for Brooklyn, who was appointed in 1909, made then contracts for coal of Buckwheat and Pea for the stations where they had been previously used until 1907, and these contracts were put in force during the last quarter of 1910. The difference that appears in the cost of coal is due to the changes above mentioned, and also to improvements in the plant resulting in an increase of efficiency. It would have been greater had not the cheaper grades of coal been adopted in Brooklyn during the latter part of 1909. The saving next year will be considerably greater when the new plant now being completed at Ridgewood is put in operation, this plant being provided with economizers which increase the efficiency of operation, and with stokers which allow the use of semi-bituminous coal.

Boroughs of Manhattan and The Bronx—1906 to 1910.

Year.	Coal Used. Cost per Ton.	Coal Used. Grade.	Cost per Million Gallons Pumped.	Saving as Compared With 1906
1906	$5.69	Egg	$3.76	.....
1907	5.48	Egg	3.70	$1,481
1908	5.11	Egg and Broken	3.58	4,444
1909—				
1st quarter	4.84	Broken Pea, No. 1	3.53	
2nd quarter	4.50	Buckwheat	3.32	21,180
3rd quarter	3.41	and Semi-	2.47	
4th quarter	2.98	Bituminous.	2.30	
1910—				
1st quarter	2.98	No. 1 Buckwheat	2.17	
2nd quarter	2.98	and Mixed	2.16	42,858
3rd quarter	2.88	(Buckwheat and	2.06	
4th quarter	2.97	Semi-Bituminous)	2.26	

It should be noted, however, that the improvements in the pumping plants so as to increase their effciency, are an important factor in the reduction of the cost per million gallons pumped. Thus our records show that the average cost of coal and cost of pumping per million gallons, at the 98th Street Station, were as follows:

	Cost per Ton of Coal.	Cost per Million Gallons Pumped.
1st quarter	$2.94	$2.18
2nd quarter	2.98	2.15
3rd quarter	2.98	2.07
4th quarter	3.03	1.90

The difference in the fourth quarter is striking, since although the average cost of coal per ton is 9 cents higher than in the first quarter, the cost per million gallons

pumped is 28 cents less; i. e., $1.90 in the fourth quarter as against $2.18 in the first quarter.

The use of the mixtures under present conditions has not yet proved relatively advantageous either in the Boroughs of Manhattan and The Bronx or in Brooklyn, and from present indications it would appear that buckwheat No. 2 or buckwheat No. 3—or if market conditions were taken into account, perhaps run-of-mine semi-bituminous—might show the greater economy. Additional experiments as to changes in the output of the station are needed to definitely settle this question.

As our yearly coal bill amounts to over six hundred thousand dollars, the importance of determining the most economical fuel to be used is evident, and this question has, therefore, always received preferential attention from this Bureau. The reduction in cost resulting from the work done has been progressive and has been prosecuted actively and with most satisfactory results during last year. Still greater economy is expected for the next year or two by the use of the cheaper grades of coal. This matter will be carefully investigated by an expert on fuel tests, whom it is proposed to appoint.

In the latter part of 1909 a committee was appointed to take up the standardization of coal specifications, in which this Department was represented by its Chief Engineer. The form of specification submitted them, by the latter, conformed in its essentials to that previously used in Brooklyn, and the details referring to the latter will be found in the Annual Report of 1909.

The most important points advocated as essential, by the Department, were the purchase of coal on the basis of its heating value and provision for a reduction in price whenever the coal was below the prescribed standard.

The Committee appointed this year by the Board of Estimate and Apportionment has continued these labors, and standard forms of specifications have been adopted, which include the two features referred to above.

It is proposed also to set a standard of efficiency for each station, and to show by a monthly record how nearly the actual operation has approached this standard. By posting these results in the various stations, a spirit of friendly competition among the men may be aroused, with resultant increased economy and benefit to the City.

Forms for reporting work done at the various stations in the different boroughs are being standardized, as well as those for supplies and equipment.

DISTRIBUTION SYSTEM.

Manhattan and The Bronx.

The work of operation and maintenance previous to reorganization had been divided among nine regular, one high pressure and six emergency companies, there being two floating companies that were used for emergency work. A great deal of the repair work was charged to corporate stock accounts, although the men were mainly employed on maintenance work. Under the reorganization, this work was placed under a Superintendent of Repairs, the floating companies were abolished, and the work in Manhattan placed under five companies, while that in The Bronx was divided among three companies. Mr. John F. Mead, who for several years had been in charge of the Brooklyn distribution system, and who since 1906 had been a general contractor, was appointed as Superintendent of Repairs.

Nearly double the amount of work was done by the reorganized gangs, as compared with the record of 1909. The Department force has handled all repair jobs, irrespective of the size of main, it having been the custom previously to employ outside contractors for repairs to mains larger than 30 inches. In addition to taking care of the repair work, the distribution force has laid several miles of new mains.

On Jerome avenue, north of the pumping station, the filling at the crossing of Mosholu parkway caused two breaks in the 36-inch main, which resulted in the entire cutting off of the supply at the northerly end of The Bronx. While repairs were quickly made, considering the difficulties encountered, it was deemed unsafe to continue the use of this main, and the repair companies laid a new 20-inch bypass to take the place of the main that was under the heavy fill.

At 110th street and Manhattan avenue, a break in the sewer resulted in the settlement of the roadway, and it was necessary to uncover four of the 48-inch mains running through Manhattan avenue and keep these mains uncovered for four months, pending repairs to the sewer.

The high service system in Manhattan and The Bronx has been extended from time to time as required, the largest extension being on the east side of Central Park, where the main high service was extended on Sptember 1, to cover the area bounded approximately as follows: From 93d to 79th streets, between 2d and 3d avenues, and from 86th to 82d streets, between 2d avenue and Avenue B.

On October 1 this service was further extended to cover an area bounded approximately as follows: From 59th to 67th streets, between 1st and 3d avenues, from 73d to 76th streets, between Park and 3d avenues, and from 66th to 62d streets, between 5th and Lexington avenues.

Complaints of lack of pressure in these sections were frequent and of long standing, but relief could not be given until the additional pumping capacity was provided at the 98th street Pumping Station.

The consumption shown for these districts was much larger than could be reasonably anticipated and extended investigation was made to determine the cause of the high consumption and waste of water. Some run-arounds were discovered and a large number of tanks were found to be flowing freely, such tanks being without any cut-off mechanism. A careful waste survey would undoubtedly result in a material reduction in consumption, as the maximum consumption in the early morning hours is approximately 90 per cent. of the average daily consumption.

The Tower Service was extended from 159th street to 170th street, between Edgecombe and Amsterdam avenues, and along the west side of Amsterdam avenue from 169th street to 162d street.

The length of mains added to the service during the year, leaving out new mains, was as follows:

Bronx High Service	2.2 miles
Williamsbridge Service	0 miles
Manhattan Upper High Service	2.4 miles
Manhattan Main High Service	2.8 miles

The low pressure in the vicinity of the waterfront and 79th street led to a pitometer investigation being made of the flow of water in mains in this vicinity and resulted in the discovery of a break in the 12-inch and 6-inch supply mains to Blackwells Island, which crosses the East River at the foot of 79th and 62d streets, respectively; the total measured leakage from these two mains amounting to 4 million gallons per day. An examination by a diver showed that the 12-inch main that had broken had been worn by the rapid currents, so that in some places the iron was less than one-quarter (¼) inch in thickness. It is expected to temporarily repair this main, but a new main will have to be laid to Blackwells Island to safeguard the supply, as there is only one main now available for the entire island.

Pitometer measurements have been taken in many of the trunk lines, especially in the High Service districts, to determine in what sections the distribution system needs strengthening, and the boundary gates of the high service have been carefully examined.

Brooklyn.

The system of controlling the pressure in the City by regulating the gates at the Ridgewood Reservoir has been continued, the pressure being dropped, usually, at 11:00 p. m. to about 30 pounds at the North Portland avenue yard and continued at this pressure until 5 a. m., when the pressure is raised to approximately 40 pounds. About 11 a. m. the pressure is reduced to about 35 pounds, and kept at this pressure until 11 p. m.

The Mount Prospect Reservoir and high service districts have been extended as required from time to time, to relieve sections in which the pressure was below that necessary to give a satisfactory supply. The total length of mains placed on these services was as follows:

Mount Prospect Tower Service	5.62 miles
Mount Prospect Reservoir Service	3.09 miles

The water waste work was placed in charge of this Bureau in October, and the work done has consisted of pitometer measurements along the waterfront, to locate leaky hydrants, leaky joints, broken mains, etc. In connection with this work, some time has been spent to determine whether large-sized meters have been accurately registering the amount of water furnished.

The results obtained from water waste work in Brooklyn are summarized in Table No. 22.

Queens.

The usual work of maintenance and repairs in connection with the distribution system in the First and Third Wards has been continued.

Richmond.

The Grymes Hill and Clove Reservoir services have been extended, as required, the total length of mains added, exclusive of new mains, being as follows:

Grymes Hill Service	1.57 miles
Clove Reservoir Service	1.57 miles
High Service Extension	40 miles

The standpipe connected with the Grymes Hill Service fell on August 31, but very little damage was done to the surrounding property, only a short section of fence being destroyed. This pipe was about thirty years old, the plates had rusted out, and it was known that the tank was unsafe. It is probable that the pressure gauge at the pumping station, which is about a mile away from the tank, did not show to the engineer at the station the water level in the tank, and the tank was inadvertently filled and fell from the water pressure. A new tank is to be erected as soon as possible, and little difficulty has been experienced in continuing the service without the tank.

NEW WORK COLLECTION SYSTEM.

Manhattan and The Bronx.

The construction of the Croton Falls Reservoir had, up to June 1, been under the Aqueduct Commission, and was placed under this Bureau after the abolishment of the Aqueduct Commission. The work done on this reservoir during the year was as follows:

At the beginning of the year 1910 there had been work done and estimated for payment under the above contract to the amount of (Estimate No. 39) $3,578,960.68, or 84.7 per cent. of the work to be done. During the first five months of 1910 there was work done and estimated to the amount of $321,534.21, and during the last seven months of the year $309,121.89, making the total amount for the year $630,656.10, or 14.9 per cent., and the total of work done and estimated from the beginning of the contract of $4,209,616.78, or 99.6 per cent.

During the year the work under the contract has been practically completed, except at a few points on the new highways, the slopes of the connecting channel and some clearing of the reservoir basin which yet remain to be finished.

The work was so far advanced that on June 17, at noon, the 3 48-inch pipes were closed by lowering the gates, and the first water impounded; on July 26, following, the storage amounted to 1,194 million gallons, the water having risen to elevation 240.85, or 25.85 feet above the bottom of intake pipes—elevation, 215.00. On and after the latter date the water was drawn off for the City's use.

The reservoir is now practically completed, the contractor simply having some cleaning up work to finish and also some sodding, which cannot be done until spring.

In connection with the construction of this reservoir, the claim of the Croton Iron Mine Company has been fought, and the proceedings to acquire a portion of this property declared invalid. Negotiations are now being carried on to settle with this company and obtain an easement for the diverting channel which passes through its property.

The construction of the sewage plant at Mount Kisco has been continued. Approximately $45,000 worth of work was done. At the end of the year the disposal proper plant was far enough advanced so that it could have been placed in operation. The pumping station is enclosed and ready for installation of machinery. Sludge beds and trench are approximately two-thirds completed.

In The Bronx and Byram watershed the Board of Water Supply has carried on works incident to the diversion of the Bronx River and the construction of a temporary dam above the present Kensico Lake, together with connecting pipe line and other appurtenances. These works are required so that the dam for the new Kensico Reservoir can be built in the lower part of Kensico Lake.

Brooklyn.

The new driven well stations at Baldwin and Hook Creek were put in operation on November 4 and July 22, respectively. The wells at the Baldwin station have not yielded as large a quantity of water as was expected, and additional wells will be put in the second water-bearing stratum at a depth of about 100 feet.

Ne wwells have been driven and the yield increased, as shown in the following table:

Station.	Number of Wells.	Total Linear Feet of Wells Driven.	Increase in Yield. (M. G. D.)
New Lots	7	66	
New Lots	1	90	1.2 from July
New Lots	1	160	
St. Albans	12	50	1.8
Rosedale	7	48	
Rosedale	1	48	1.0
Springfield	17	50	2.5
Hook Creek	16	Shallow	3.5
Baldwin	3	125	
Baldwin	1	142	
Baldwin	1	126	2.0
Baldwin	2	126	
Baldwin	16	37	
Matowa	2	40	0.3

Queens.

At the Whitestone Station five additional wells have been driven, and work started on the new suction main for this station. One of these wells when pumped gave an average yield of 0.604 million gallons per day. The wells are driven to a depth of about 200 feet and draw from the second water-bearing stratum.

At the Bayside Station six new deep wells were driven to an approximate depth of 350 feet, rock being found at a depth of about 400 feet.

Contract for new suction main for these wells has been let, but work has not yet been started.

Richmond.

Eight wells were driven by the Department force on Madison avenue. These wells are to be connected to the West New Brighton Station by a 20-inch suction main, this main being under contract with Rogers & Hagerty. 3,010 feet of this main has been laid, which is the total length.

At the Clove Station, four wells have been driven by the Department force. It is expected to connect these wells up to the existing suction main and drive additional wells to develop the Clove Valley.

CONDUIT SYSTEM.

Manhattan and The Bronx.

Shut-off sluice gates were placed in the new conduit at Gatehouse 1 by Coldwell-Wilcox Company, contractors, this work being under a contract made by the Aqeuduct Commission. The gates were finally placed on June 2, and it is now possib'e to shut off the water to the tunnel at this gatehouse without the use of stop planks. Sluice gates were also placed in the135th street gatehouse by Coldwell-Wilcox Company under contract made with the Aqueduct Commission, this work necessitating the shutting down of the aqueduct south of Jerome Park Reservoir June 11-12, 18-19, 25-26, July 16, October 22, 29, and November 5, 19 and 22, the work being completed on November 22, 1910.

Brooklyn.

The 72-inch steel pipe line from Clear Stream east to the Suffolk County line was completed on May 12, 1910, so that water could be turned into the line. This line was laid by T. A. Gillespie & Co., contractors. The completion of the same was delayed by difficulties with the Long Island Railroad about crossing their tracks. The work done on the contract during the year was as follows:

48-inch cast-iron branch line under the Long Island Railroad tracks at Millburn Pumping Station was completed, as were the two tunnels under the Long Island Railroad tracks at Valley Stream with the 300 feet of steel pipe in this vicinity that had to be left unfinished until tunnels were completed. The above, and general cleaning of the line, was all that remained to be done at beginning of year and was held back pending an agreement between the City and the Long Island Railroad Company.

PUMPING SYSTEM.

Manhattan and The Bronx.

At the Jerome Avenue Station the following work has been done by the Board of Water Supply, the addition to the plant being installed by that Board to take care of the Williamsbridge service in case of temporary interruption of the supply to the Bronx River pipe line from Lake Kensico.

The plant installed at the Jerome Avenue Pumping Station by the Board of Water Supply consists of:

Two 225 horse-power Heine water tube boilers with superheaters

Four 6,250,000 gallon De Laval centrifugal pumps direct connected in pairs to two 265 horse-power Westinghouse steam turbines,

Two combined wet and dry vacuum pumps,

One boiler feed pump,

One suction pump for use in raising suction level to main pumps.

This plant is arranged so that each pump set, consisting of one turbine and two pumps, will discharge direct into Williamsbridge Reservoir, at a discharge head of about 35 pounds and a delivery of 12,500,000 gallons a day, or will deliver 6,250,000 gallons into the tower service at a head of 75 pounds.

At the 179th Street Station the new storehouse and machine shop was completed on November 11, but has not yet been equipped.

At the 98th Street Station, two new 18 million gallon pumps were installed, and were practically ready for testing in October.

Brooklyn.

The new building at the Ridewood North Side Pumping Station has been practically completed, the contractors still having to finish up some work in the conduit, place the flooring, plumbing and other minor work.

Condition of Construction and Repair Contracts.

Contract for Construction of Ridgewood North Side Extension and Coal Shed.

The brickwork and roof of the building were completed early in the summer; the work on the concrete roof being delayed owing to the collapse of one of the panels shortly after the forms were removed. This necessitated the removal of the entire roof, and its replacement by the contractor with one of more suitable construction.

Arrangements were made for the installation of an economizer.

The approximate percentage of this contract completed on December 31, 1910, was eighty-two (82) per cent.

Contract for Rebuilding Entrance and Portion of Wall of Old Station.

Work was begun on this contract November 21, 1910. The stone steps at entrance have been relaid, and damaged portion of wall adjacent to the new extension has been rebuilt. Approximate percentage complete of this work on December 31, 1910, seventy (70) per cent.

Contract for Pumping Engines.

Actual work was begun on this contract with the delivery of the bedplates and holding down bolts on June 25, 1910. Excellent progress has been made despite several unavoidable difficulties encountered. The water ends of all four engines are in place, with the exception of the condensers and suction pipes, which are at present held back by the presence of water in the conduit.

Engines "A" and "B" are practically completed on the steam ends, and work is well under way upon the steam end of Engine "C."

The approximate percentage of this work completed on December 31, 1910, was eighty-six (86) per cent.

Contract for Boilers.

The water tube boilers have been delivered and placed; the final location of the boilers is awaiting the installation of the brick setting, which is being installed under another contract.

The approximate percentage of this work completed on December 31, 1910, was sixty (60) per cent.

Contract for Steam Fitting.

The Contractor was notified to begin work on this contract on November 30, 1910, but owing to unavoidable delay in the completion of other work in the boiler room, there has not been sufficient progress on this work to warrant the passing of an estimate.

Contract for Mechanical Stokers, etc.

This contract includes the bricksetting of the boilers, the furnishing of coal chutes, and installing of coal weighers.

The Contractor was notified to commence work on December 12, 1910.

The approximate percentage of this work completed on December 31, 1910, was three (3) per cent.

Hook Creek and Baldwin Station.

The installation of pumping equipment at Hook Creek was completed during the year, and the station was turned over to the operating force on July 22, 1910.

The Baldwin equipment was completed and operation of the station begun on October 28, 1910.

It was decided to place the Horse Brook equipment at the Baldwin Station, and this work is now in progress.

Owing to the exigencies of the pumping situation in the early part of the year, the following pumps were temporarily installed in the Ridgewood Station:

Number of pump—north side temporary No. 1; normal capacity, 2 m. g. d.; station from which taken, New Lots No. 2; location at Ridgewood, north side.

Number of pump—north side temporary No. 2; normal capacity, 2½ m. g. d.; station from which taken, Old Gravesend; location at Ridgewood, north side.

Number of pump—south side temporary No. 6; normal capacity, 2½ m. g. d.; station from which taken, Blissville; location at Ridgewood, south side.

Number of pump—south side temporary No. 7; normal capacity, 3½ m. g. d.; station from which taken, New Lots No. 1; location at Ridgewood, south side.

On account of delay in the completion of the new Davis & Farnum pumps, two 5-million gallon pumps were purchased from the American Pump Company and installed in place of the 20 million centrifugal pump of the Borough Construction Company which broke down in July, 1909.

Tests were made of the pumping engines installed in the Canarsie Station, the record of the tests being as follows:

Summary of Specified and Test Results.

Item.	As Specified.	Test of Engine No. 1 June 24-25.	Test of Engine No. 2 June 30-July 1.
Ascertained slip	.....	2,064	1,274
Capacity—			
a—On displacement corrected for plunger leakage	.....	5,131,500	5,141,400
b—corrected for ascertained slip	5,000,000	5,025,600	5,075,900
Discharge head	.....	182.14	190.53
Suction lift	.....	23.81	23.1
Total lift	200	205.95	213.6
Revolutions	.....	46.94	47.0
Steam pressure	200	175.27	179.0
Superheat	100	121.1	140.4
Total steam condensed	.....	57,003	57,785
Duty corrected for ascertained slip	150,000,000	151,474,000	156,481,000

DISTRIBUTION SYSTEM.

Manhattan and The Bronx.

The extensions of water mains in the Boroughs of Manhattan and The Bronx are given in Tables Nos. 18, 19 and 20.

The work done by the various contractors and by the Department men is as follows:

Extension and Improvement of Distributing Systems.

Size.	Linear Feet Laid. By Contract.	Linear Feet Laid. By Dept. Force.	Linear Feet Abandoned. By Contract.	Linear Feet Abandoned. By Dept. Force.	Valves Set.* By Contract.	Valves Set.* By Dept. Force.	Valves Abandoned. By Contract	Valves Abandoned. By Dept. Force.
60"	....	....	....	....	....	....	....	....
48"	1,500	12.0	....	12	....	....	....	....
36"	145	26.0	....	858	....	....	....	....
30"	772	12.0	....	110	2	....	....	....
24"	....	....	....	....	....	....	....	....
20"	33,890	907.2	8	88	24	3	....	1
16"	....	....	....	....	....	....	....	....
14"	....	....	....	216	....	....	....	....
12"	161,521	7,590.1	475	1,679	591	84	....	30
10"	....	280.2	....	5	....	....	....	....
8"	3,309	677.5	....	8	25	16	....	....
6"	41,006	13,536.3	718	15,617	1,130	430	....	112
4"	24	1,404.0	96	4,482	....	29	....	22
	242,167	24,445.3	1,297	23,077	1,772	562	....	166

*Includes replacing abandoned valves.

Hydrants set by Department force, 1,096; hydrants abandoned by Department force, 1,092; hydrants set by contract, 943; hydrants abandoned by contract, 21.

Extension of the high pressure fire service mains has been continued. The work done in the various districts is as follows:

District.	Linear Feet of Mains Laid.	Hydrants Set.	Valves Set.
Houston street, East River, Chambers street and Bowery	137,500	551	890
Marginal street, 13th street to 23rd street	3,700	13	44
Fourteenth street, Irving place, Lexington avenue, 24th street and Broadway	14,660	51	85
Seventeenth street, 7th avenue, 22d street and 10th avenue	16,750	42	66

Brooklyn.

The extensions of water mains in the Borough of Brooklyn are given in Tables Nos. 18, 19 and 21. The work done by the various contractors and by the Department men is as follows:

Extension and Improvement of Distributing Systems.

Size.	Linear Feet Laid. By Contract.	Linear Feet Laid. By Dept. Force.	Linear Feet Abandoned. By Contract.	Linear Feet Abandoned. By Dept. Force.	Valves Set.* By Contract.	Valves Set.* By Dept. Force.	Valves Abandoned. By Contract.	Valves Abandoned. By Dept. Force.
48"	15,872	....	....	....	....	....	....	....
36"	....	....	....	....	10	....	....	....
30"	12	373	12	....	....	....	....	....
24"	....	12	....	....	....	....	....	....
20"	6,807	490	55	....	11	13	....	....
16"	24,086	245	....	....	112	....	....	....
12"	12,599	802	110	....	35	5	....	....
8"	66,058	4,319	60	....	256	33	1	....
6"	3,761	2,434	24,189	....	519	21	45	....
4"	....	161	....	....	....	....	....	....
	129,195	8,836	24,426	....	943	72	46	....

*Includes replacing abandoned valves.

Hydrants set by contract, 227; hydrants set by Department force, 1,074; hydrants replacing old by Department force, 256; hydrant gates set by Department force, 69; hydrants set in addition to the service by Department force, 48.

Extension of the high pressure fire service mains has been continued. The work done in the districts is as follows:

District.	Linear Feet of Mains Laid.	Hydrants Set.	Valves Set.
Downtown	2,818	12	20
Gowanus and South Brooklyn	23,867	19	193

Queens.

The extensions of water mains in the Borough of Queens are given in Tables Nos. 18 and 19. The work done by the various contractors and by Department men is as follows:

Size.	Linear Feet Laid. By Contract.	Linear Feet Laid. By Dept. Force.	Linear Feet Abandoned. By Contract.	Linear Feet Abandoned. By Dept. Force.	Valves Set. By Contract.	Valves Set. By Dept. Force.	Valves Abandoned. By Contract.	Valves Abandoned. By Dept. Force.
30"	26,793	....	....	....	9	....	....	....
24"	2,702	....	....	....	4	....	....	....
20"	....	....	....	....	....	....	....	....
16"	95	....	....	....	3	....	....	....
12"	76	549	....	....	7	2	....	....
10"	....	....	....	....	....	....	....	....
8"	28	968	....	....	1	3	....	....
6"	125	78	....	....	16	6	....	....
	29,819	1,595	....	....	41	11	....	....

Hydrants set by contract, 14; hydrants set by Department force, 6.

Filter Plant at Oakland Lake.

Contract dated August 30, 1909. Contractors, the Robertson & Gerehart Construction Company. Certified for $26,378. Time allowed, 150 calendar days. Time consumed beyond allowed time, 311 days.

In May, the original time allowed had run out. Some excavation work had been done and pipe laid, but the contractors had not done any work for some time. They finally agreed to go ahead with the work, and resumed operations on May 31, 1910. Work was carrid on and fair headway made at first. Progress was so slow, however, that in October, 1910, the Commissioner sent a letter to the contractors declaring the work in arrears and the contract abrogated. The contractors made an appeal to be allowed to finish the work, making certain promises as to time of completion, etc. The Commissioner recalled his letter and work was resumed. The promises made by the contractors were not kept, and on December 6, 1910, the contract was declared abandoned and the sureties notified. At present, negotiations are under way to have said sureties complete the work. Of the work remaining to be done enough could be completed in about thirty days to enable the City to utilize the filters.

For Driving, etc., Wells at Bayside.

Contract dated November 30, 1909. Contractors, P. H. & J. Conlan. Certified for $15,488.40. Time allowed for completion has been extended by a supplementary agreement to February 1, 1911.

In May, 1910, the contractor had one well down about 400 feet and was obliged to abandon same, owing to losing a tool in the well.

At present writing, the six wells comprised in the original contract are all complete, except pumping. One of the wells has been pumped clear and another is now being pumped. The two additional wells called for under the supplementary agreement are about one-half completed.

For Suction Main, Whitestone.

Contractors, Peace Brothers. Certified for $6,287.75. Contract dated November 22, 1910.

No work done in the field to date.

For Suction Main, Bayside.

Contractor, Julius Dragonetti. Certified for $5,376. Contract dated November 23, 1910. No work done so far on this contract.

Richmond.

The extensions of water mains in the Borough of Richmond are given in Tables Nos. 18 and 19. The work done by the various contractors and by the Department men is as follows:

Extension and Improvement of Distributing Systems.

Size.	Linear Feet Laid. Under Contract.	Linear Feet Laid. By Dept. Force.	Linear Feet Abandoned Under Contract.	Linear Feet Abandoned By Dept. Force.	*Valves Set. Under Contract.	*Valves Set. By Dept. Force.	Valves Abandoned. Under Contract.	Valves Abandoned. By Dept. Force.
30-inch	16	....	....	....	....	....	....	....
24-inch	22,065	....	....	....	19	....	....	....
20-inch	10,377	....	....	....	8	....	....	....
16-inch	6	1,048	....	....	....	3	....	....
12-inch	22,874	240	....	....	28	1	....	....
10-inch	....	....	....	....	....	3	....	1
8-inch	26,198	5,103	....	....	127	11	....	....
6-inch	7,141	4,078	....	....	375	32	....	4
4-inch	....	....	....	....	....	40	....	26
Total	88,680	10,469	....	....	557	90	....	31

*Includes replacing abandoned valves.

Fire hydrants set, by departmental force	57
Fire hydrants abandoned, by departmental force	24
Fire hydrants removed but not replaced, by departmental force	7
Hydrants set, by contract	282

RECOMMENDATIONS FOR IMPROVEMENT AND EXTENSION OF THE COLLECTION SYSTEM.

Manhattan and The Bronx.

The supply from the Croton River has already been developed up to and even possibly beyond the economic limit by the building of storage reservoirs. It was for this reason that the writer reported against the proposed Paterson Reservoir and recommended the discontinuance of the surveys for this reservoir. There are no new developments to be economically made in the Croton Watershed after the completion of the Croton Falls Reservoir. Improvements to be made in the watershed will be along the lines of reducing the dangers of pollution by the construction of sewer systems and sewage disposal plants for the larger villages, the erection of chlorinating plants on the streams most liable to pollution, the fencing of all city property and the reforestation of the portion of the watershed controlled by the City.

For the Bronx and Byram Watershed very little work is contemplated, as the new Kensico Reservoir to be constructed by the Board of Water Supply will change the character of this supply by making The Bronx and Byram Watershed a feeder for the new Kensico Reservoir which will take the waters from the Catskill Mountains. As the population increases on the watershed, works for treating the supply will probably be necessary, but for the immediate future no work of this character is contemplated.

The need of filtering the supply from the Croton Watershed has been fully discussed in previous reports, and plans and specifications for that work were prepared and submitted to the Board of Estimate in March, 1907, on which no action has been taken yet. Request has been made for the appropriation of $6,500,000 to cover cost of a filtration system including the completion of the easterly basin of the Jerome Park Reservoir. The experience of the past year is ample proof of the necessity for this long-delayed improvement, and it is expected that the necessary authority will be granted by the Board of Estimate and Apportionment to commence the work during 1911. To safeguard the purity of the supply pending the construction of the filtration plant, a chlorinating plant is to be erected at Dunwoodie, where the old and new aqueducts are cross-connected. It is expected that this plant will not be used after the filtration plant is established, as any treatment of the water prior to filtration would probably be carried on at Jerome Park Reservoir rather than at Dunwoodie.

Armory Site.

On May 20, 1910, the Corporation Counsel advised the Armory Board that the Commissioners of the Sinking Fund had the power to assign the site of the Jerome Park Reservoir for military purposes to erect an armory thereon. On November 25, 1910, Clark D. Rhinehart, Secretary of the Armory Board, stated to the writer that he estimated the cost of the wall forming the northerly foundation of the armory and the southern wall of the reservoir at between $400,000 and $600,000. The Commissioner, on receiving information in relation to this site, requested the writer to notify Mr. Reinehart that he was ready to enter into an agreement under which this Department will build the foundation wall for the sum of $130,000, this amount to be transferred to this Department from the appropriation made for building the Armory.

Brooklyn.

The development of the Brooklyn system should be such as to safeguard the supply pending the introduction of the Catskill water. It will not be economical or advisable to continue the development beyond the time when the new supply will be delivered, which may be estimated as approximately 1915. From the nature of the watershed, the developments in the future for Brooklyn must be by drawing on the subsurface sources. Within the Borough limits three sites for driven well stations have been chosen: one in Flatlands, one in Mapleton, and the third in Borough Park. With the establishment of these three stations, the southerly portion of the Borough will be fully developed to the economical limit. The old watershed, or the watershed lying between Ridgewood and Rockville Centre, has been practically fully developed, with the exception of possible additions from deep water bearing strata. The yield per square mile of this watershed during 1910 was 951,000 gallons, while from the new watershed the yield was only 559,000 gallons. In some parts of the old watershed, the stations have overdrawn the supply, as is shown by the high chlorine in the yield of some of the stations, while in other portions, by drawing on deep water bearing strata, it will probably be practicable to materially increase the yield. On the new watershed a very small percentage of the supply is obtained from deep wells, and it is expected to develop the deep well yield by driving wells at existing stations and by establishing five or more new stations on the watershed. These stations are to be located along the gallery line and will draw their supply entirely from deep lying strata. It is anticipated that from this development approximately 25 million gallons per day additional may be secured, as even this amount would make the yield per square mile of new watershed less than that of the existing watershed. It is also proposed to utilize the waters which now flow into Baisleys Pond by increasing the yield from shallow wells located in the valley just below the pond. This will eliminate the filter plant at the Baisleys Station, and will safeguard the supply from this source, which is at present too much contaminated to make it a desirable portion of the supply even after filtration.

The general condition of the property on the watershed owned by the City it to be improved by erecting a substantial fence marking the limits of the property, and by grading the grounds.

Queens.

In the First Ward it is proposed to increase the supply from Station No. 1 by driving additional wells and laying new suction mains, and possibly to increase the supply from Station No. 3 by lowering the additional suction main and pump. The watershed available in the First Ward is not sufficient in area to warrant further development than that outlined above. In the Third Ward it is proposed to continue the development at the Bayside Station by sinking deep and shallow wells until the maximum yield available at this point is obtained. At the Flushing Station new wells driven to the different water bearing strata are to be placed, and the yield of this station increased as much as practicable. At the Whitestone Station both deep and shallow wells are to be driven, and a new building erected and new machinery installed. It is expected that these developments will yield a sufficient supply to meet the requirements of the First and Third Wards and make it necessary to only draw slightly from private water companies or from the Croton or Brooklyn systems.

The lands on which the driven wells are located are to be fenced in and the property graded.

Richmond.

Investigations have been made and plans outlined for obtaining an increased supply of water by driving additional wells along Southfield Boulevard, in the Clove Valley, and at West New Brighton Stations; also the development of the New Bulls Head Station, so as to eliminate the Springville Station. These plans will effect a material reduction in the cost of pumping and the quality of the supply will be greatly improved.

CONDUIT SYSTEM.

Manhattan and The Bronx.

Preliminary studies were made for increasing the capacity of the new aqueduct, but it was decided that it would not be advisable to place this aqueduct under pressure, and it is considered that the capacity of both the old and new aqueducts would be sufficient to meet the requirements of the City pending the introduction of the Catskill supply, as the total capacity of these aqueducts is approximately 380 million gallons daily, whereas the present supply from the Croton watershed is about 315 million gallons daily.

The old aqueduct is in poor condition for somewhat over a mile of its length where it is built on embankment. In this section the aqueduct is not sufficiently strong to take up the stresses caused by the head of water when the aqueduct is running full, and the cracks caused by the water pressure, together with the settlement of the foundation, has so weakened the structure that it is not considered safe to run the aqueduct more than about one-half its capacity. It is intended to strengthen and repair the weak sections of the aqueduct so that the aqueduct may be used for its full capacity when required.

A superstructure is to be built over the entrance to the old Croton aqueduct into the new Croton Dam, and sluice gates are to be installed at this point. Sluice gates are to be installed at Gate House No. 5, Jerome Park Reservoir, and superstructures placed over all gate houses at this reservoir.

Brooklyn.

The present conduit system for the Borough of Brooklyn is considered sufficient for the requirements prior to the introduction of the Catskill supply.

Plans have been prepared to lay a main under the East River and under Newtown Creek which will connect the systems of Manhattan, Queens and Brooklyn, and thereby provide means for furnishing an additional supply to Long Island City, and also for delivering a portion of the Catskill supply into the Borough of Brooklyn, prior to the completion of the deep rock tunnel under the East River which is to be constructed by the Board of Water Supply for the delivery of the Catskill water into Brooklyn.

Queens.

It is proposed to lay a 30-inch trunk main between the Third Ward and the 30-inch main laid under Union Turnpike, thus making a connection directly between the Third and First Ward systems. The additional supply which will be developed in the Third Ward can then be pumped through this main to the First Ward.

Richmond.

The conduit system of Richmond forms part of the distribution system, and the improvements required are therefore treated under the Distribution System for this Borough.

PUMPING SYSTEM.

Manhattan and The Bronx.

The existing pumping plants at Jerome avenue, 179th street and 98th street are to be extended and improved by the addition of new machinery, including coal and ash handling plants.

The Croton Gravity System, which furnishes about 250 million gallons a day, has never been a satisfactory system for the Boroughs of Manhattan and The Bronx. With the high water level of the Jerome Park Reservoir at 130 feet and the high water level of the Central Park Reservoir at 118 feet, it is impossible to furnish a supply at a pressure of even 30 pounds per square inch in many sections of the two boroughs. As the average pressure required per floor is about 7 pounds, the pressure is frequently inadequate to deliver the water to above the third floor, and in some cases will not even deliver it to the third floor. Under existing conditions, buildings in Manhattan are usually erected at least six stories in height, and many buildings are ten and twelve stories in height. There are a few buildings which are twenty stories or more in height, but these buildings are mainly concentrated in the downtown district. While legally the City is only required to deliver water to a pressure sufficient to carry it into the basement of a building, it is not fulfilling its duty to the citizens unless the pressure is sufficient to carry the water to the top floor of the average height building. Assuming that this average height building be six stories, the pressure should be not less than 42 pounds, or say, in round figures, 50 pounds. Where a 50-pound pressure will raise water in a standpipe to a height of 115 feet, if to this be added the elevation of the ground, which is approximately 40 feet, it would be necessary to have the water delivered at an elevation of not less than 165 feet above tide level to supply buildings six stories or more in height. If to this elevation there be added the frictional loss in the mains, the water should be delivered in the upper part of the City at an elevation of about 200 feet, or approximately the present elevation of the main high service. Upon the introduction of the Catskill supply, there will only be a comparatively small area of Manhattan which will be served by this new supply, and there will not be any material increase in pressure over those sections of the City which have complained for many years of lack of pressure. Along the boundaries of the district served by the Catskill system, there will be a pressure sufficient to carry water up to the top floors of buildings twelve stories in height, and unless some action is taken toward raising the level of the Croton supply, the buildings on the other side of the boundary will have a supply with only pressure sufficient to raise it three or four stories above the street level. This would point to an unfair discrimination in favor of property owners located on the higher ground in the City, and would be a subject of just complaint and condemnation of the officials in responsible charge of the water supply system. A pumping plant to handle the entire Croton low service system, and to raise the level to an elevation of 200 feet, would cost somewhat less than $500,000 per year for interest, sinking fund, maintenance and operation. An investigation made by the Board of Water Supply in connection with their work showed that about 11,870 buildings in Manhattan and The Bronx were equipped with private pumping plants, the water being pumped to the upper floors in these buildings. Of this number, 5,800 buildings were under six stories in height, mainly of the tenement character. The estimated cost of interest, sinking fund, maintenance and operation on a conservative basis was found to be $1,400,000 per year. This did not include the cost of tanks where the upper floors were dependent upon a tank supply, the tanks filling at night time due to the extra pressure from reduced consumption. These figures show that by the City expending less than half a million dollars a year, it can save to its citizens an expenditure of over double this amount, without making any allowance for the increased valuation in property due to adequate water pressure, or the reduced fire loss due to increased pressure, and thus increased supplies for fire prevention. The arguments in favor of the pumping of the Croton supply are so overwhelming that there seems to be no reason why this important improvement should not be authorized so that it can be put in operation upon approximately the same date as the introduction of the new Catskill supply.

For the High Pressure Fire Service system it is intended to install next year an additional pumping unit in each of the two stations, thus increasing the nominal capacity for each station at the maximum prescribed pressure, i. e., 300 pounds per square inch, from 15,000 gallons per minute to 18,000 gallons per minute. For the proper operation of the High Pressure Fire Service System extended to the northernmost limit now contemplated, i. e., 59th street, one additional pumping station will be required.

Brooklyn.

Upon the completion of the new pumping equipment at the North Side Ridgewood Station, there will be ample capacity at the Ridgewood plant to take care of the yield to be obtained from the Ridgewood watershed prior to the introduction of the Catskill supply. For the line stations it is expected to make such additions and improvements as may be required from time to time. Studies are being made to determine whether it would be advisable to equip new pumping stations with electrical machinery driven from a central power plant, or to install individual steam plants for these stations. The question of electrifying the entire line has been discussed in several reports during the past fifteen years, but conditions did not seem at any time favorable for such change in the pumping system. With the comparatively short time which will elapse before the new Catskill supply will be introduced, and the probable intermittent operation of the stations after the introduction of the Catskill supply, it is doubtful whether any general electrification of the system will be in any way economical. All stations are to be improved by the introduction of new equipment and the thorough overhauling of existing equipment, so that the stations and appurtenances will be in first class condition. Electric lighting systems are to be installed in those stations where the size and importance of the station warrants the expenditure.

It is proposed to increase the pumping capacity of the High Pressure Fire Service Station at Coney Island by the installation of two additional pumping units with a capacity of 5,000 gallons per minute each, thus making the total capacity of this station 14,500 gallons per minute, at a pressure of 150 pounds per square inch. The new units would consist of pumps to be driven either by electricity, or by steam, using oil as fuel, or by gas.

Queens.

New pumping equipment is to be placed in the Whitestone Station. No change will be made in the equipment of the Flushing Station unless the additional supply developed warrants additional equipment. The present equipment in the stations in the First and Third Wards is sufficient, with possibly the replacing of the pump at the No. 1 Station which was taken to the Ridgewood Station in February owing to the lack of pumping capacity at Ridgewood.

Richmond.

It is proposed to install one of the high pressure pumps from the Baldwin or Hook Creek Station at the West New Brighton Station, to act as reserve, as the pumping capacity at this station is inadequate. New pumping equipment is to be installed at the Clove Station, and for the new development along the Southfield Boulevard. It is later expected to install new equipment in the New Bulls Head Station when the collecting system for this station is extended.

DISTRIBUTION SYSTEM.

Manhattan and The Bronx.

In the Borough of Manhattan the main improvements in the Distribution system will consist of replacing existing small mains in cross streets with larger mains where the mains are of sufficient capacity to give adequate supply for fire service; the placing of additional hydrants, the possible modification of the present standard so as to reduce parts, and the replacing of antiquated hydrants; the cutting in of new valves to reduce the length of shutoff to one block on small mains and not more than 1,000 feet on large service mains; the adoption of improved mechanism to secure quick operation of the large gates; the strengthening of the trunk distribution system, especially in the main high service and upper high service system, and cross-connecting of existing mains. Where the High Pressure Fire Service System is extended it will not be necessary generally to increase the size of mains in the cross streets, but if these mains are cross-connected at every intersection and connected to existing large trunk mains in general, an adequate distribution system will be given. In sections which are not either at present or in the near future to be protected by the High Pressure Fire Service System, new mains are to be laid in place of existing mains where the existing mains are not of sufficient capacity to afford adequate supply for fire protection. The question of proper sized mains, both in the existing system and for the extension of the system, is being studied by the Designing Division, it being intended to prepare a map showing the size of main that should be placed in each street, together with the proper distribution of hydrants to give adequate fire protection. This work will require several years to complete, the work already done having shown clearly the necessity of the studies which are now being made.

In the Borough of The Bronx, new trunk lines have been planned for the upper high service, the Williamsbridge service and the Bronx low service. These services are all inadequately supplied with trunk mains, in many cases large sections of the borough being dependent on the supply from a single main. As soon as the plans now under way are carried out this system will be changed so that in no case can the cutting out of a main result in more than a slight reduction in the pressure over any large area.

To utilize the two 48-inch mains on Jerome Avenue, which were laid under a contract let before the writer took charge of the system in Manhattan and The Bronx, it is proposed to construct a tunnel under the Harlem River in the vicinity of Central Bridge. It will be necessary to make borings at this point to determine the feasibility of the rock tunnel, but the geological indications are favorable, as the Fordham gneiss at this point apparently extends across the bed of the Harlem River into the northerly part of Manhattan. If this be so, it is probable that a tunnel can be constructed at a much higher elevation than that which was adopted for the crossing of the new Croton Aqueduct under the Harlem River, between High and Washington Bridges.

In The Bronx, as in Manhattan, it will be necessary to cross-connect existing mains, cut in gates on existing mains, place new hydrants, and replace old hydrants with new hydrants.

If the low level Croton supply is pumped, it will be necessary to cut out Central Park Reservoir from regular service, and either a tunnel or several mains will have to be constructed to by-pass this reservoir, the tunnel or mains starting from 100th street to approximately 79th street. It will also be necessary to replace the six 48-inch mains which at present pass through the basement of the Art Museum in Central Park, as well as to extend a trunk main on the east side of Manhattan to take care of the lower east side from 20th street to Chambers street.

For the repair companies, it will be necessary to rebuild the headquarters of the repair company on Worth street, and then to erect permanent buildings in the 24th Street Pipe Yard to contain miscellaneous repair parts of valves and hydrants and other supplies for the distribution system, as well as a headquarters for the repair company of that district. Small office buildings will also be constructed at the 56th Street and 140th Street Pipe Yards for the Yard Foremen.

Property should be acquired for the repair companies operating in the southern Bronx and northern Bronx districts and in the Westchester district, on which suitable buildings are to be erected for the repair companies and storage of small parts.

In Manhattan a site should be provided for the headquarters of the High Pressure Fire System Repair Company, and the City buildings in which the East 87th Street and 121st Street Repair Companies have their headquarters at present, should be rebuilt in order to provide proper facilities for the men.

It is also proposed to purchase auto trucks, and horses and wagons, for the repair companies of Manhattan and The Bronx, and do away with the hiring of equipment from private parties. While this may involve some additional expense to the City, it will insure a much better service than is given at present by the privately owned horses and wagons.

Brooklyn.

Upon the completion of a new connection between the Ridgewood Pumping Station and the Atlantic avenue 48-inch main, it is expected to place this main on the Mount Prospect service, and to use the 48-inch main on Eastern parkway for the Mount Prospect Tower service, thus eliminating the repumping of the water at the Mount Prospect station. An extensive system of the larger mains to replace existing mains in East New York, Bushwick and Broadway sections, and in the section lying between Atlantic avenue and Eastern parkway, has been laid out and appropriations are to be requested for this work so that it can be completed within the next two to three years. All existing mains are to be cross-connected at intersections, thus involving about 650 cross-connections for the entire Borough. New gates are to be cut in, and new hydrants set on existing mains both to increase the number of hydrants and to replace old and worn-out hydrants.

A large amount of work will have to be done in the extension of mains in new territory to keep pace with the development of the borough.

For the repair yards of the Distribution System it is proposed to construct new buildings at the Gowanus and East New York Yards, and to extend and improve the buildings at the North Portland Avenue Yard and at the Coney Island Repair Yard, the latter yard having been established in the buildings of the old New Utrecht Pumping Station, the yard at Coney Island having been abandoned. A new pipe yard is to be laid out on the grounds south of the Ridgewood South Side Station where large pipe can be stored, in place of using the East New York Repair Yard which is unsatisfactory for this purpose.

Queens.

Trunk mains are to be laid in the First and Third Wards to reinforce the Astoria section, and to connect the Bayside Station with the Flushing standpipe. As has already been stated, a 30-inch main is to be laid to connect the First and Third Ward systems. An appropriation has been granted to connect the Manhattan, Queens and Brooklyn systems by a main laid under the East River and through the First Ward under Newtown Creek to Brooklyn. The main across the East River is to be laid either in a tunnel constructed by the Consolidated Gas Company, or over the Queensboro Bridge; in either case this connection being considered as a temporary one which may be discontinued at some time subsequent to the introduction of the Catskill supply. The Board of Water Supply proposes to lay a 48-inch main connecting the Brooklyn system to the Queens system, this main running through Flushing avenue, or in the vicinity of that avenue, and connecting with the Hoffman Boulevard main in Queens. The distribution systems of the First and Third Wards are to be extended as required to meet the developments of the Borough, and the work outlined for the other boroughs of cross-connecting mains, cutting in new hydrant gates, etc., will be carried out in the Borough of Queens. A new pipe yard and repair yard is to be established on land adjoining Station No. 3 in the First Ward, this land having been exchanged by the Pennsylvania Railroad for other lands in the vicinity of the station. In the Third Ward a pipe yard is to be established at the Flushing Station, and later a repair yard established either at its present location or at some other location to be acquired.

Richmond.

A trunk main is to be laid under contract from the Southfield Boulevard along the northeasterly shore of the island, connecting to the 24-inch main that has been laid along the northwesterly portion of the island. Additional trunk mains and cross-connecting mains are to be laid, and the distribution system extended, thus giving an adequate distribution system for the island. It is proposed to do this work not with a view of obtaining a financial return for money expended by the sale of water, but to develop Staten Island as a part of the Greater New York, and such development would be impossible unless a liberal policy was adopted for the extension of the distribution system. New buildings are to be erected on ground adjoining the West New Brighton Station for repair shops and storerooms, and a pipe yard established at this point. An additional repair yard is to be established in the Stapleton district as headquarters for the present repair company located in this district. At Tottenville, adequate headquarters for the repair company are to be provided. The cross-connecting of mains, cutting in of new hydrants, etc., are to be carried on in this borough as has been previously outlined for the other boroughs. It is proposed to establish four distribution services for the present, which will eventually be merged into three services, one having high water line elevation at 225, the second at 350, and the third at approximately 420. The services at present run approximately 115 at Tottenville, 200 for the low service in the main portion of the island, 250 for the Clove service, and 420 for the Grymes Hill service. When the distribution mains are extended, a more logical arrangement of the territory can be made whereby unnecessarily high pressures in certain sections can be reduced, and the pressure increased in other sections where required.

The work of this Bureau during the last year has been performed under exceptional and unprecedented difficulties and adverse conditions such that it does not seem probable will again occur; among which may be noted the more or less delay inherent to every change of administration at the outset, the radical change resulting from the reorganization of the Bureau—a task itself of no ordinary magnitude—the loss of time and confusion resulting from a change of quarters prolonged through several weeks, the preparation of the yearly budget under entirely new forms, entailing considerably more labor, etc., etc. That, although handicapped to such an extent, and compelled thereby to often prolong their labors long beyond official hours the employees of this Bureau should have carried on their normal and exacting work of maintenance, as well as that of construction, in the manner hereinbefore outlined, and which establishes a new record in this Department for efficiency and economy, is the best testimony of their competence and an interest and zeal in their work which it is my duty to again acknowledge and record here.

Respectfully submitted, I. M. de VARONA, Chief Engineer.

TABLE No. 1.

All Boroughs.

Schedule of Employees in Engineering Bureau, December 31, 1910.

Position.	Administration.	Design and Construction.	Maintenance and Operation. Manhattan and Bronx.	Brooklyn.	Queens.	Richmond.	Total.
Chief Engineer	1	....	....	....	....	....	1
Deputy Chief Engineer	1	....	....	....	....	....	1
Consulting Engineer	1	1	....	....	....	....	2
Principal Asst. Engineer	....	....	....	1	....	....	1
Division Engineer	....	2	....	....	....	....	2
Assistant Engineer	10	29	8	5	2	2	56
Mechanical Engineer	....	3	1	4	....	....	8
Engineer Assistant	11	56	11	18	2	5	103
Draftsman	7	27	3	4	4	3	48
Chemist	7	....	....	....	....	....	7
Bacteriologist	4	....	....	....	....	....	4
Laboratory Assistant	7	....	....	....	....	....	7
Superintendent	....	3	2	....	....	....	5
Clerk	17	7	5	15	1	1	46
Stenographer and Copyist	10	3	2	7	1	1	24
Telephone Operator	....	....	7	11	....	....	18
Messenger and Attendant	2	....	....	2	....	....	4
Inspector	24	100	7	11	....	....	142
Engineman	2	....	27	145	19	20	213
Stoker and Fireman	....	....	37	182	23	22	264
Oiler	....	....	29	58	1	....	88
Foreman and Assistant	1	....	69	40	5	5	120
Machinist, Steamfitter, etc.	7	1	19	59	3	5	94
Caulker, Tapper, etc.	3	....	80	60	6	9	158
Mason, Bricklayer, etc.	....	1	5	12	1	5	24
Carpenter, Painter, etc.	2	....	9	20	1	2	34
Driver, Hostler, etc.	1	3	....	39	....	3	46
Well Driver and Assistant	....	....	....	10	....	2	12
Laborer	23	7	386	369	26	61	872
Horses, Wagons & Trucks	....	....	88	1	....	....	89
Total	141	243	795	1,073	95	146	2,493

Total Salaries (Estimated)	$2,700,000
Employees of Aqueduct Division, included in above	56
Employees in Water Waste Division, included in above	67

TABLE No. 2.

All Boroughs.

Average Daily Consumption for 1910 in Million Gallons.

Month.	Manhattan and The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
January	335.0	142.7	12.7	8.7	499.1
February	336.0	149.7	13.1	8.2	507.0
March	327.0	142.8	12.7	7.9	490.4

Month.	Manhattan and The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
April	326.0	136.3	12.2	8.4	482.9
May	326.0	137.2	12.0	8.1	483.3
June	329.0	139.1	12.1	8.7	488.9
July	342.0	147.6	12.7	10.2	512.5
August	336.0	143.7	12.5	9.8	502.0
September	335.0	145.7	12.9	9.3	502.9
October	332.0	143.6	12.6	8.8	497.0
November	321.0	142.1	12.4	8.9	484.4
December	333.0	146.7	13.6	9.8	501.8
Average, Public Systems	331.0	143.1	12.6	8.9	495.6
Estimated Average Daily Consumption for Private Systems..	....	15.1	17.7	0.1	32.9
Total (Approximate)	331.0	159.3	30.3	9.0	529.6

The above figures include waste, but do not include water obtained from wells by private manufacturing and other plants, and exclusively used by them.

TABLE No. 3.
Boroughs of Brooklyn, Queens and Richmond.
Average Daily Consumption in Systems Owned and Supplied by Private Companies, 1910.

Name of Company.	Average Daily Consumption, Million Gallons
Borough of Brooklyn—	
Flatbush Water Works Co.	12.3
Blythebourne Water Works Co.	2.0
German-American Improvement Co.	0.8
Borough of Queens—	
Citizens' Water Supply Co.	8.8
Jamaica Water Supply Co.	4.2
Queens County Water Co.	2.9
Woodhaven Water Co.	1.8
Borough of Richmond—	
South Shore Water Works Co.	0.1
Total	32.9

The above figures do not include water obtained from wells by the Bowery Bay Building & Improvement Co., the Montauk Water Co., and other private improvement and manufacturing companies, and used exclusively by them.

TABLE No. 4.
Boroughs of Brooklyn and Queens.
Water Purchased by City from Private Companies, 1910.

Name of Company.	Quantity Purchased: Average per Day, Million Gallons.	Quantity Purchased: Total for Year, Million Gallons.	Price per Million Gallons.	Total Cost.
Brooklyn—				
Queens County Water Co.	4.2	1,542.571	$30 00	$46,277 12
Silas W. Titus—Jameco Plant	5.4	1,843.349	30 00	55,300 48
Total	17.4	5,126.453		$197,306 92
Queens—				
Citizens' Water Supply Co.	8.2	2,975.783	$65 00	$193,425 91
Bowery Bay Bldg. & Imp'ment Co.	0.2	26.091	65 00	1,695 87
Total	8.4	3,001.874		$195,121 78

Silas W. Titus—Forest Pk. Plant*: Average per Day 4.5; Total for Year 1,516.153; Price per Million Gallons 55 00; Total Cost 83,388 42
Silas W. Titus—Sixth St. Plant†: Average per Day 3.3; Total for Year 224.380; Price per Million Gallons 55 00; Total Cost 12,340 90

* Forest Park Plant commenced pumping on February 16.
† Sixth Street Plant ceased pumping on April 13.

TABLE No. 5.
All Boroughs.
Storage on Watersheds and in Distributing Reservoirs—Million Gallons.

	Manhattan and Bronx.			Brooklyn.	Richmond.	
	Croton Watershed Storage Reservoirs (Total Storage with Flashboards, 88,700 Million Gallons).*	Bronx and Byram Watershed Storage Reservoirs (Total Storage 4,200 Million Gallons).	Distributing Reservoirs (Total Storage 2,018 Million Gallons).†	Hempstead Storage Reservoir (Total Storage 1,000 Million Gallons).	Distributing Reservoirs (Total Storage 320 Million Gallons).	Distributing Reservoirs (Total Storage 3.7 Million Gallons).
December 31, 1909...	44,002	1,834	1,779	368.3	272.0	2.2
January 31, 1910.....	61,593	2,696	1,928	500.2	285.5	2.1
February 28, 1910....	71,933	3,030	1,702	590.7	320.2	2.8
March 31, 1910.....	86,728	3,267	1,879	634.4	300.8	3.3
April 30, 1910.....	88,690	3,532	1,896	670.1	323.2	2.7
May 31, 1910	88,172	3,637	1,785	679.1	322.2	2.9
June 30, 1910	86,913	3,781	1,916	682.1	294.2	3.1
July 31, 1910.....	78,262	3,274	1,905	570.6	310.2	2.6
August 31, 1910.....	69,864	2,732	1,942	505.7	291.6	3.0
September 30, 1910...	61,217	2,130	1,924	341.1	278.9	3.1
October 31, 1910.....	51,366	1,608	1,915	231.7	315.8	3.1
November 30, 1910..	45,909	1,213	1,877	321.9	298.6	2.9
December 31, 1910...	39,653	936	1,822	273.3	263.6	2.4

* Does not include Croton Falls Reservoir now constructed, ready for filling; capacity, with flashboards, 15,700 million gallons.

† Does not include Williamsbridge Reservoir, 140 million gallons, or High Bridge, 10 million gallons.

TABLE No. 6.
All boroughs.
Rainfall—1910—Inches.

Month.	Croton Watershed Average	Bronx and Byram Watershed (Kensico Reservoir).	Manhattan, Central Park.	Ridgewood Watershed, Hempstead Reservoir.	Brooklyn, Municipal Building.	Richmond, Tottenville, Pumping Station.	Richmond Borough Hall.
January	7.47	7.12	6.16	6.10	5.61	3.84	3.12
February	5.24	5.28	4.42	3.31	4.07	2.67	2.53
March	0.72	1.07	0.94	0.81	0.86	0.20	0.50
April	5.06	7.22	5.70	3.58	4.21	4.05	3.77
May	3.82	4.37	2.30	2.29	1.61	1.66	1.58
June	4.28	4.70	6.66	4.48	4.68	4.12	3.36
July	2.26	0.97	0.63	0.59	0.29	0.28	0.18
August	3.06	1.97	1.54	2.33	1.80	3.51	2.24
September	2.10	1.52	1.70	1.60	1.69	0.77	1.63
October	1.13	1.53	4.07	1.98	4.95	5.54	4.17
November	4.84	4.71	5.43	5.46	5.01	3.79	2.78
December	2.62	2.99	2.61	2.14	1.95	1.55	1.20
Total	42.60	43.45	42.16	34.67	36.73	31.98	27.06

TABLE No. 7.
All boroughs.
Rainfall—1901 to 1910—Inches.

Year.	Croton Watershed Average.	Bronx and Byram Watershed (Kensico Reservoir).	Manhattan, Central Park.	Ridgewood Watershed, Hempstead Reservoir.	Brooklyn, Municipal Building.	Richmond, Tottenville, Pumping Station.	Richmond Borough Hall.
1901	63.75	52.61	50.89	49.92	47.98	....	....
1902	53.48	53.26	48.40	51.98	48.47	....	....
1903	58.83	61.09	58.31	52.14	52.49	....	59.73
1904	50.70	44.73	43.41	48.62	44.41	....	44.01
1905	46.47	51.51	43.67	36.82	42.42	....	46.05
1906	48.17	52.64	49.07	44.12	44.79	....	39.17
1907	58.54	58.33	56.05	49.23	47.38	....	33.74
1908	42.25	53.28	49.08	34.44	39.34	....	30.14
1909	50.64	52.66	47.34	43.61	41.65	....	30.71
1910	42.60	43.45	42.16	34.67	36.73	31.98	27.06
Average	51.54	52.36	48.84	44.56	44.57	....	38.83

TABLE No. 8.
Borough of Brooklyn.
Cost of Filtration of Water at the Various Plants, 1910.

Filter.	Quantity Million Gallons.	Cost: Operation and Inspection.	Cost: Laboratory.	Cost: Repairs and Supplies.	Cost: Interest and Sinking Fund.	Cost: Total.	Per Million Gallons.
Baiseleys*	402.94	$4,819 60	$1,206 25	$1,617 00	$3,218 00	$10,860 85	$26 95
Springfield†	.....	.....	.....	.....	.....	.....	.....
Forest Stream‡	.....	.....	.....	.....	.....	.....	.....
Hempstead	273.00	1,098 13	606 25	.....	700 00	2,404 38	8 81

*Operated from July to end of year. †Operated only for a short period in January. ‡Not operated during year.

TABLE No. 9.
Boroughs of Manhattan and The Bronx.
Record of Pumping at the Various Pumping Stations, 1910.

	Amount Pumped.			Coal Used.			Average Duty Million Foot-Pounds per 100 Lbs. Coal.	Cost of Pumping.					Total Cost per Million Gal. Ft.
	Average Daily, Million Gals.	Total Million Gals.	Average Total Lift, Ft.	Gross Tons.	Quality.	Cost per Ton.		Salaries and Wages.	Fuel.	Materials and Supplies.	Repairs.	Total.	
98th street.....	19.64	7,170	88.51	5,016.46	No. 1 Buckwheat & Mixed	$2 98	47.10	$26,667 22	$14,995 75	$727 09	$6,162 72	$48,502 78	$0 0763
High Bridge.....	4.00	1,454	113.86	1,440.50	No. 1 Buckwheat.....	2 77	44.06	9,497 13	4,160 56	129 75	2,082 91	15,870 35	0 1050
179th St.	40.00	14,627	119.12	9,609.98	No. 1 Buckwheat & Mixed	2 81	68.00	42,824 31	27,012 99	1,098 84	16,183 10	87,119 24	0 0499
Jerome Av.	10.32	3,767	179.70	3,761.71	No. 1 Buckwheat & Mixed	3 30	67.03	20,390 80	12,454 31	611 05	4,605 95	38,062 11	0 0559
Totals	73.96	27,018	.....	19,828.65	.....	$2 97	.....	$99,379 46	$58,583 61	$2,566 73	$29,024 68	$189,554 48	$0 0588

TABLE No. 10.
Borough of Brooklyn.
Record of Pumping at the Various Pumping Stations, 1910.

Pumping Station.	Amount Pumped. Av. Daily Mil. Gals.	Amount Pumped. Total Mil. Gals.	Average Total Lift (Dynamic) Feet.	Coal Used. Gross Tons.	Coal Used. Size.	Av. Cost Per Ton.	Average Duty* Mil. ft. lbs. Per 100 lbs. of Coal	Cost of Pumping. Salaries.	Fuel.	Materials. and Supplies.	Repairs.	Total.	Total Cost Per Mil. Gal. Feet.
Ridgewood, north side	73.522	26,835.681	185.3	40,469.090	Broken, pea and No. 1 Buckwheat.....	$3 53	45.740	$131,271 96	$142,874 09	$10,903 24	$20,603 90	$305,653 19	$.0615
Ridgewood, south side	47.148	17,200.061	173.8	27,163.437	Brkn. & No. 1 Buck.	3 064	40.994	83,678 36	83,239 37	5,323 71	12,691 82	184,233 26	.0618
Mt. Prospect.....	13.306	4,856.784	147.1	5,218.576	No. 1 Buckwheat...	3 10	50.961	29,214 55	16,177 58	1,407 18	2,095 03	48,984 34	.0684
Canarsie	4.482	1,636.006	176.4	1,467.635	Brkn. & Pea.....	3 996	73.228	13,086 56	5,864 71	1,227 92	960 43	21,139 62	.0732
New Utrecht†	.199	72.600	165.1	182.977	Broken.....	5 465	24.394	3,277 67	999 91	282 21	420 82	4,980 61	.4154
Gravesend	5.389	1,966.866	172.3	1,992.368	Brkn. & Pea.....	3 88	63.345	13,738 29	7,730 12	1,389 28	2,423 63	25,281 32	.0746
New Lots, No. 1....	1.697	619.319	164.4	1,455.000	Pea.....	4 00	26.058	9,819 97	5,820 01	575 80	615.07	16,830 85	.1653
New Lots, No. 2....	5.932	2,165.016	174.6	2,525.692	Pea & Semi-bit.....	4 00	55.725	13,116 93	10,102 50	1,665 51	2,959 64	27,844 58	.0737
Spring Creek	3.871	1,412.748	31.8	1,095.452	Pea.....	4 15	15.271	10,802 59	4,546 14	542 92	1,421 73	17,313 38	.3853
Woodhaven	3.291	1,201.269	49.1	935.125	Semi-bit.....	3 971	23.485	8,990 48	3,713 27	489 37	1,106 55	14,299 67	.2424
Aqueduct	3.445	1,257.396	61.1	814.978	"	3 922	35.082	9,603 34	3,195 97	433 59	581 14	13,814 04	.1799
Shetucket	1.599	583.528	40.8	605.407	Pea & Semi-bit.....	4 45	14.644	8,311 10	2,694 20	426 51	452 74	11,884 55	.4901
Oconee	4.450	1,624.350	41.8	1,606.894	Semi-bit.....	3 89	15.746	9,820 73	6,250 82	528 41	686 96	17,286 92	.2544
Morris Park	1.093	399.059	40.7	275.157	"	3 817	21.973	6,551 67	1,050 22	317 98	116 27	8,036 14	.4949
Baiseleys	1.363	497.442	34.6	591.177	"	3 949	10.835	9,098 16	2,334 29	530 20	315 54	12,278 19	.7137
Jameco & Walter....	9.070	3,310.470	15.2	3,108.653	"	3 811	6.017	12,916 25	11,847 55	1,315 58	1,940 77	28,020 15	.5578
St. Albans	1.652	603.136	58.3	828.165	Pea & Semi-bit.....	4 203	15.807	8,940 93	3,480 79	652 73	694 35	13,768 80	.3916
Springfield & Filter.	3.357	1,225.238	37.9	1,038.103	Semi-bit.....	3 825	16.659	9,582 33	3,970 36	792 07	1,223 55	15,568 31	.3352
Rosedale	2.647	966.285	32.2	709.643	"	3 772	16.330	9,022 43	2,676 70	675 20	900 33	13,274 66	.4265
Forest Stream	6.607	2,411.583	40.4	1,531.852	"	3 84	23.693	9,997 21	5,882 30	911 80	1,485 45	18,276 76	.1875
Hook Creek‡	1.419	517.971	59.6	261.608	"	3 69	43.936	3,738 04	965 33	415 58	421 60	5,540 55	.1795
Clear Stream	4.579	1,671.510	34.0	1,008.417	"	3 84	20.964	9,833 74	3,872 31	1,026 62	2,530 09	17,262 76	.3040
Watts Pond	3.953	1,442.689	27.3	735.642	"	3 963	19.954	8,602 19	2,915 33	321 34	425 69	12,264 55	.3111
Lynbrook	2.312	843.796	27.1	445.889	"	3 596	19.069	6,919 33	1,603 37	210.39	1,130 37	9,863 46	.4319
Smiths Pond	7.749	2,828.265	12.5	1,027.011	"	3 716	12.824	10,635 54	3,816 66	573 85	418 10	15,444 15	.4366
Rock Centre	2.478	904.320	58.2	593.715	"	3 63	32.985	8,877 42	2,155 22	1,821 74	1,081 85	13,936 23	.2649
Baldwins§	.291	106.039	54.1	117.321	"	3 64	18.212	1,586 75	427 04	311 85	975 71	3,301 35	.5753
Millburn	51.482	18,791.070	50.3	7,570.254	"	3 649	46.521	43,504 23	27,626 51	3,788 42	7,182 57	82,101 73	.0868
Agawam	2.811	1,026.187	35.5	1,182.736	"	3 724	11.457	10,838 29	4,404 20	582 01	900 76	16,725 26	.4596
Merrick	3.280	1,197.207	36.7	1,215.446	"	3 669	13.451	11,326 20	4,459 24	777 82	1,067 04	17,630 30	.4015
Matowa	1.843	672.566	29.9	903.789	"	3 747	8.271	10,354.29	3,386 74	730 77	1,039 58	15,511 38	.7725
Wantagh Infiltration	10.346	3,776.184	21.6	1,796.067	"	3 421	16.934	11,849 89	6,143 71	827 29	1,585 13	20,406 02	.2498
Massapequa Infiltr'n	17.436	6,364.205	8.9	1,362.772	"	3 417	32.823	11,853 85	4,656 13	680 44	1,568 37	18,758 79	.1561
Massapequa Wells‖ ...	.007	2.624	27.2	4.672	"	3 739	5.688	75 00	17 47	34 73	33 75	160 95	2.2550
Totals	304.105	110,998.470	106.8¶	111,840.720		$3 495¶	39.463¶	$560,836 27	$390,900 16	$42,494 06	$74,056 33	$1,068,286 82	¶$.0901

*Based on coal used, which includes fuel for heating station, dynamo (where plant is equipped with electric light), and coal conveyor (Ridgewood, North Side and South Side). †Station abandoned February 18, 1910. ‡Station commenced operating July 22, 1910. §Station commenced operating October 28, 1910. ‖Station operated 3 days, December 29th to 31st, inclusive. ¶Average for all stations.

TABLE No. 11.
Borough of Queens.
Record of Pumping at the Various Pumping Stations, 1910.

Pumping Station.	Amount Pumped.			Coal Used.			Average Duty Million Foot-Pounds per 100 Lbs. Coal.	Cost of Pumping.					Total Cost per Million Gal. Ft.
	Average Daily, Million Gals.	Total Million Gals.	Average Total Lift, Ft.	Gross Tons.	Quality.	Average Cost per Ton.		Salaries and Wages.	Fuel.	Materials and Supplies.	Repairs.	Total.	
Station No. 1.....	0.61	223.29	167.92	696.15	Pea, No. 1 Buckwheat....	$4 04	20.23	$11,237 84	$2,817 99	$607 76	$84 43	$14,748 02	$0 3940
'Station No. 2.....	0.25	91.84	153.63	335.49	Pea, No. 1 Buckwheat....	4 07	16.03	8,277 83	1,371 94	473 57	97 82	10,221 16	0 7246
Station No. 3.....	0.75	273.88	156.54	665.38	Pea, No. 1 Buckwheat....	4 03	23.96	11,203 83	2,687 64	686 17	361 89	14,939 53	0 3254
Flushing	1.57	574.25	211.77	1,737.93	Pea, No. 1 Buckwheat....	4 07	26.19	13,530 34	7,086 98	1,039 53	1,044 52	22,701 37	0 1879
Bayside	0.84	304.97	198.81	878.37	Pea, No. 1 Buckwheat....	3 96	25.48	11,327 34	3,482 11	744 77	273 02	15,827 24	0 2653
Whitestone	0.37	135.71	164.03	434.72	Pea, No. 1 Buckwheat....	4 22	19.22	10,454 83	1,838 36	524 70	294 25	13,112 14	0 5933
Total or Average	4.39	1,603.94		4,748.04		$4 06		$66,032 01	$19,285 02	$4,076 50	$2,155 93	$91,549 46	$0 3062

TABLE No. 12.
Borough of Richmond.
Record of Pumping at the Various Pumping Stations, 1910.

Pumping Station.	Amount Pumped.			Coal Used.			Average Duty Million Foot-Pounds per 100 Lbs. Coal.	Cost of Pumping.					Total Cost per Million Gal. Ft.
	Average Daily, Million Gals.	Total Million Gals.	Average Total Lift, Ft.	Gross Tons.	Quality.	Average Cost per Ton.		Salaries and Wages.	Fuel.	Materials and Supplies.	Repairs.	Total.	
Tottenville	0.325	118.9	147.31	857.19	Egg, Buckwheat.....	$4 58	7.61	$10,394 06	$3,925 93	$116 28	$1,367 06	$15,803 33	$0 9022
Grant City	1.715	626.3	329.02	2,184.11	Pea, Buckwheat.....	4 25	35.11	10,199 81	9,286 72	346 10	1,491 44	21,324 07	0 1034
Clove Road	1.481	540.6	214.31	1,411.68	Pea, Buckwheat.....	4 11	30.55	9,862 06	5,802 00	222 41	3,930 81	19,817 28	0 1710
New Bulls Head....	1.052	384.2	335.30	1,951.50	Pea, Buckwheat.....	4 15	24.58	9,182 11	8,098 73	189 66	1,972 78	19,443 28	0 1509
Old Bulls Head.....	0.278	61.8	298.71	600.52	Pea, Buckwheat.....	3 99	11.45	5,925 13	2,396 07	118 05	273 35	8,712 60	0 4719
New Springville	0.893	326.1	301.84	1,445.02	Pea, Buckwheat.....	4 26	25.36	9,674 56	6,155 79	284 51	1,673 94	17,788 80	0 1807
West New Brighton.	3.265	1,191.9	285.78	3,953.44	Pea, Buckwheat.....	4 12	32.08	15,580 81	16,288 17	513 19	9,506 87	41,889 04	0 1229
Totals	9.009	3,249.8		12,404.46		$4 19		$70,818 54	$51,953 41	$1,790 20	$20,216 25	$144,778 40	$0 1564

(Old Bulls Head shut down August 11, 1910.)

TABLE No. 13.
Boroughs of Manhattan and The Bronx.
Cost of Pumping at Various Pumping Stations, 1906-1910.

Pumping Stations.	Cost per Cost Per Million Gallon Feet.				
	1906.	1907.	1908.	1909.	1910.
98th Street	$0.1037	$0.1160	$0.1196	$0.1240	$0.0763
179th Street	0.0588	0.0572	0.0674	0.0617	0.0499
High Bridge	.....	0.2020	0.1271	0.1096	0.1050
Jerome Avenue	0.0689	0.0747	0.0860	0.0835	0.0559
Average	$0.0708	$0.0737	$0.0833	$0.0800	$0.0588

TABLE No. 14.
Borough of Brooklyn.
Cost of Pumping at Various Pumping Stations, 1909 and 1910.

Stations	Cost per Million. Gallon-Feet. 1909	1910
Ridgewood, North Side	$0 062	$0 062
Ridgewood, South Side	0 087	0 062
Mount Prospect	0 093	0 068
Gravesend	0 096	0 075
New Utrecht	0 297	*0 415
Canarsie	0 063	0 073
New Lots, No. 1	0 169	0 165
New Lots, No. 2	0 082	0 074
Spring Creek	0 380	0 385
Woodhaven	0 245	0 242
Aqueduct	0 242	0 180
Shetucket	0 650	0 499
Oconee	0 260	0 254
Morris Park	0 699	0 495
Baiseleys	0 706	0 714
Jameco (and Filter)	0 586	0 358
St. Albans	0 440	0 392
Springfield (Filter)	0 518	
Springfield (Wells)	0 302	0 335
Rosedale	0 493	0 427
Forest Stream	0 220	0 188
Hook Creek	.....	†0 180
Clear Stream	0 298	0 304
Watts Pond	0 322	0 311
Lynbrook	0 698	0 432
Smiths Pond	0 364	0 437
Rockville Centre	.....	0 265
Baldwin	.....	‡0 575
Millburn	0 075	0 087
Agawam	0 537	0 460
Merrick	0 525	0 402
Matowa	0 691	0 773
Wantagh (Gallery)	0 220	0 250
Wantagh (Wells)	1 838	.....
Massapequa (Gallery)	0 140	0 156
Massapequa (Wells)	3.068	§2 255

*Station abandoned February 18, 1910.
†Station operated commencing July 22, 1910.
‡Station operated commencing October 28, 1910.
§Station operated 3 days, December 29-31, inclusive.

TABLE No. 15.
Borough of Queens.
Cost of Pumping at Various Pumping Stations, 1906-1910.

Station.	Cost Per Million Gallon Feet.				
	1906.	1907.	1908.	1909.	1910.
No. 1	$0 3812	$0 3426	$0 3419	$0 3602	$0 3940
No. 2	.....	0 4290	0 4316	0 8955	0 7246
No. 3	0 3368	0 3627	0 3121	0 3039	0 3254
Flushing	0 2138	0 1786	0 1720	0 1888	0 1879
Bayside	0 2114	0 1579	0 1621	0 1749	0 2653
Whitestone	0 4439	0 3963	0 4438	0 5019	0 5933
Average	$0 3173	$0 2505	$0 2418	$0 2644	$0 3062

TABLE No. 16.
Borough of Richmond.
Cost of Pumping at Various Pumping Stations, 1909-1910.

Stations	Cost Per Million Gallon Feet.		
	May to December.		1910
	1909*	1910*	
Tottenville	$1 2938	$0 8856	$0 9281
Grant City	0 1187	0 1010	0 1025
Clove Road	0 3049	0 1966	0 2128
New Bulls Head	0 1553	0 1416	0 1493
Old Bulls Head	0 5253	0 5175	†0 4784
New Springville	0 2689	0 1536	0 1786
West New Brighton	0 1459	0 1240	0 1224
Average	$0 1914	$0 1523	$0 1601

*West New Brighton, New Springville and New Bulls Head acquired by The City in latter part of February, 1909, and Clove Road and Old Bulls Head in the latter part of April, 1909.
†Shut down August 11.

TABLE No. 17.
Boroughs of Manhattan and Brooklyn.
Operation and Cost of Pumping at the High Pressure Fire Service Stations, 1910.

	Manhattan.			Brooklyn.			
	Oliver Street Station.	Gansevoort Street Station.	Total.	Main Station.	Reserve Station.	Coney Island Station.	Total.
Number of alarms	495	558	1,053	135	155	19	309
Number of times service used	161	195	356	62	64	4	130
Million gallons pumped, fires	37.0	22.0	59.0	1.8	0.3	0.4	2.5
Kilowatt hours used for pumping	407,650	250,075	657,725	21,210	15,080	.....	36,290
Kilowatt hours used for testing	86,925	73,350	160,275	36,190	17,770	.....	53,960
Kilowatt hours D. C. power	3,450	3,907	7,357	1,985	1,760	770	4,515
Kilowatt hours D. C. lighting	9,840	6,848	16,688	6,357	4,273	3,308	13,938
Cubic feet of gas used for pumping	.....	.....	.....	.....	.....	9,570	9,570
Cubic feet of gas used for testing	.....	.....	.....	.....	.....	138,950	138,950
Costs—							
Standby charge for A. C. power	$39,000 00	$39,000 00	$78,000 00	$21,960 00	$21,960 00	.....	$43,920 00
Current for pumping, 1½c. per kw. h	6,114 70	3,751 13	9,865 83	318 15	226 21	.....	544 36
Current for testing, 1½c. per kw. h	1,348 88	1,100 25	2,449 13	542 85	266 54	.....	809 39
Current for D. C. power, 6c. per kw. h	207 00	234 42	441 42	119 10	105 60	$46 20	270 90
Current for D. C. lighting, 7½c. per kw. h	737 00	513 60	1,250 60	.....	.....	.....	.....
Current for D. C. lighting, 9c. per kw. h	.....	.....	.....	572 13	384 57	297 72	1,254 42
Gas for pumping, 75c. per 1,000 cu. ft	.....	.....	.....	.....	.....	7 18	7 18
Gas for testing, 75c. per 1,000 cu. ft	.....	.....	.....	.....	.....	104 21	104 21
Salaries and wages	14,605 32	17,145 37	31,750 69	16,813 66	12,428 72	13,146 50	42,388 88
Fuel	337 10	360 81	697 91	459 50	357 66	.....	817 16
Supplies	238 47	212 28	450 75	492 29	244 83	331 91	1,069 03
Repairs	320 53	130 28	450 81	247 50	328 00	412 50	988 00
Telephone	3,473 98	4,200 79	7,674 77	2,129 66	2,133 70	714 84	4,978 20
Total Cost	$66,382 98	$66,648 93	$133,031 91	$43,654 84	$38,435 83	$15,061 06	$97,151 73

TABLE No. 18.
All Boroughs.
Summary of Water Mains and Valves in Place, December 31, 1910.

Diameter.	Mains.					Valves.				
	Manhattan and Bronx, Feet.	Brooklyn, Feet.	Queens, Feet.	Richmond, Feet.	Total, Feet.	Manhattan and Bronx, Number.	Brooklyn, Number.	Queens, Number.	Richmond, Number.	Total, Number.
60-inch	804	.....	.....	.....	804	.....	.....	.....	.....	.....
48-inch	237,464	160,095	.....	.....	397,559	62	24	.....	.....	86
42-inch	.....	13	.....	.....	13	.....	.....	.....	.....	.....
36-inch	271,548	60,352	.....	.....	331,900	92	59	.....	.....	151
30-inch	54,399	83,811	26,793	16	165,019	44	79	9	.....	132
24-inch	11,618	41,744	20,240	27,341	100,943	16	75	10	21	122
20-inch	443,735	317,630	30,974	39,537	831,876	435	559	20	37	1,051
16-inch	34,116	214,825	26,114	37,704	312,759	33	626	22	33	714
14-inch	1,834	3,159	7,054	10,683	22,730	.....	1	12	21	34
12-inch	2,033,347	514,911	176,417	110,891	2,835,566	5,865	1,201	426	129	7,621
10-inch	13,114	19,601	32,058	28,580	93,353	13	8	45	40	106
8-inch	45,846	1,361,953	238,731	107,335	1,753,865	261	3,877	570	395	5,103
6-inch	3,453,481	2,117,253	297,304	282,428	6,150,466	15,048	9,490	1,324	1,053	26,915
4-inch	173,510	84,528	64,018	321,882	643,938	379	129	55	988	1,551
Total	6,774,816	4,979,875	919,703	966,397	13,640,791	22,248	16,128	2,493	2,717	43,586
Miles	1,283.10	943.16	174.19	183.03	2,583.48					

TABLE No. 19.
All Boroughs.
Summary of Hydrants in Place, December 31, 1910.

Borough.	Number.
Manhattan and The Bronx	20,141
Brooklyn	14,371
Queens	1,856
Richmond	1,691
Total	38,059

TABLE No. 20.

Borough of Manhattan.

Summary of High Pressure Mains Laid, Valves and Hydrants Set to December 31, 1910.

Diameter.	Mains. Total in Place Dec. 31, 1909, Feet.	Mains. Laid During 1910, Feet.	Mains. Removed During 1910, Feet.	Mains. Total in Place Dec. 31, 1910, Feet.	Valves. Total Number in Place Dec. 31, 1909.	Valves. Number Set, 1910.	Valves. Total Number in Place Dec. 31, 1910.
24-inch	35,745	8,307	60	43,992			
20-inch	29,744	11,175	..	40,919	188	35	223
16-inch	46,983	38,655	..	85,640	152	95	247
12-inch	154,506	102,450	..	256,901	586	278	864
*8-inch	26,194	12,005	..	38,196	1,273	657	1,930
Total	293,172	172,592	60	465,648	2,199	1,065	3,264
Miles	55.5	32.7		88.2			

*8-inch pipe laid for hydrant branches.

Total number of hydrants in place, December 31, 1909	1,271
Total number of hydrants set during 1910	657
Total number of hydrants in place December 31, 1910	1,928

TABLE No. 21.

Borough of Brooklyn.

Summary of High Pressure Mains Laid, Valves and Hydrants Set to December 31, 1910.

Diameter.	Mains. Total in Place Dec. 31, 1909, Feet.	Mains. Laid During 1910, Feet.	Mains. Removed During 1910, Feet.	Mains. Total in Place Dec. 31, 1910, Feet.	Valves. Total Number in Place Dec. 31, 1909.	Valves. Number Set, 1910.	Valves. Total Number in Place Dec. 31, 1910.
20-inch	25,818	9,954	..	35,772	69	17	86
16-inch	43,548	10,977	..	54,525	113	19	132
12-inch	65,757	4,975	..	70,732	165	12	177
*8-inch	5,246	779	..	6,025	851	165	1,016
Total	140,369	26,685	..	167,054	1,198	213	1,411
Miles	26.59	5.05		31.64			

*8-inch pipe laid by hydrant branches.

Total number of hydrants in place, December 31, 1909	867
Total number of hydrants set during 1910	31
Total number of hydrants in place, December 31, 1910	898

TABLE No. 22.

Water Waste Investigation, Brooklyn, 1910.

Summary—Results of Measurements of Waterfront Districts.

District Number.	Date of Measurement.	Rate of Consumption, Gallons Per 24 Hours: Total Flow Into District.	Night Rate.	Ratio of min. night rate to total flow.	Day Rate.	Metered.	Measured Unmetered.	Estimated Unmetered	Water Unaccounted For.	Checked.	Per Cent. of Total Flow.	Still Unaccounted For	Per Cent. of Total Flow	Number of Meters.	Number of Gates: Tested.	Number of Gates: Shut.	Pressure: Inside District.	Pressure: Outside District.	Miles of Water Front.	Miles of Water Main.
1	Dec. 22-24	1,969,400	1,846,300	93	2,048,000	1,374,480	.....	10,000	584,920	230,000	12	354,920	18	34	21	11	44	47	.34	.91
2	Sept. 12-14	485,090	422,000	87	517,000	410,630	.....	20,000	54,460	.....	..	54,460	11	28	15	7	30	35	.23	1.61
3	Sept. 19-21	1,011,790	880,000	87	1,085,000	1,010,480	.....	.....	1,310	.....	..	1,310	.1	41	12	9	..	..	.34	.90
4	Oct. 3-4	67,000	34,000	50	79,333	34,535	.....	20,000	12,465	.....	..	12,465	20	23	14	7	..	..	.34	.91
5	Oct. 27-29	2,563,600	2,445,000	95	2,612,000	2,315,360	.....	.....	248,240	160,000	6	88,240	3	23	20	9	..	..	.34	.70
6	Oct. 12	822,000	743,900	90	840,000	317,950	.....	.....	504,050	.....	..	504,050	61	15	26	15	43	43	.75	2.35
8	Oct. 17-20	540,000	271,000	50	600,000	157,019	.....	.....	382,981	.....	..	382,981	71	29	11	17	39	41	.57	1.08
11	Nov. 1-3	1,580,000	1,154,000	73	1,756,000	180,000	100,000	20,000	1,280,000	860,805	54	419,195	27	49	30	13	45	40	.49	1.85
12	Nov. 7-9	1,294,835	976,000	75	1,433,000	315,200	238,800	33,000	707,835	300,000	23	407,835	31	72	26	14	42	47	.45	2.31
13	Nov. 15-17	187,837	119,000	63	217,000	46,102	.....	30,000	111,735	.....	..	111,735	60	31	18	8	40	46	.95	2.04
14	Dec. 20-22	442,500	302,000	68	514,000	138,700	145,000	20,000	138,800	.....	..	138,800	31	29	7	6	45	49	.45	.73
	Totals	10,964,052	9,193,200	84	11,701,333	6,300,456	483,800	153,000	4,026,796	1,550,805	14	2,475,991	23	374	200	116			5.25	15.39

Total Flow in 11 Districts Measured	10,964,052 Gallons Per 24 Hours
Total Consumption Accounted for $\frac{\text{Metered}}{\text{Unmetered}}$ in 11 Districts Measured	6,937,256 Gallons Per 24 Hours = 63 Per Cent. of Total Flow
Total Flow Unaccounted for Prior to Subdivision of District	4,026,796 Gallons Per 24 Hours = 37 Per Cent. of Total Flow
Amount Checked	1,550,805 Gallons Per 24 Hours = 14 Per Cent. of Total Flow; 38 Per Cent. of Unaccounted For
Amount of Water Unaccounted For in 11 Districts	2,475,991 Gallons Per 24 Hours = 23 Per Cent. of Total Flow
Amount Checked in Special Tests	140,000 Gallons per 24 Hours
Total Amount Checked	1,690,805 Gallons Per 24 Hours
Cost of Work to Date	$14,280 = $23 Per Million Gallons of Water Saved
Total Value of Water Saved at $40.00 per Million Gallons	$24,790

TABLE No. 23.

All Boroughs.

Contracts for Which No Bids Were Received During 1910.

Title of Contract.	Date forwarded for advertising.
For Furnishing and Delivering Portable Gasoline Engine Driven Air Compressors and Centrifugal Pumping Units, Boroughs of Brooklyn and Richmond	July 30, 1910
For Furnishing and Delivering Storehouse and Shop Equipment, Boroughs of Manhattan and Bronx	Aug. 26, 1910; Oct. 25, 1910
For Furnishing, Delivering and Laying Water Mains and Appurtenances in Hunters Point, Ditmars, Washington, Jamaica, Van Alst, Skillman, Graham, Avenues, etc., Borough of Queens	Aug. 31, 1910
For Furnishing, Delivering and Laying Water Mains in Eastern Boulevard, City Island Road, City Island Avenue, Fordham Avenue, etc., Borough of Bronx	Sept. 19, 1910
For Furnishing and Delivering Lubricating Oils and Lubricating Grease, Boroughs of Brooklyn, Queens and Richmond	Nov. 18, 1910
For Furnishing and Delivering Portable Engine Driven Air Compressor and Centrifugal Pumping Units, Borough of Brooklyn	Dec. 8, 1910
For Furnishing and Erecting Fencing, in the Croton Watershed	Dec. 13, 1910
For Furnishing and Delivering, Storing and Trimming Coal, Boroughs of Broooklyn and Richmond	Dec. 17, 1910
For Furnishing Materials, Repairing and Restoring Artificial Stone Sidewalks and Curbing and Resetting Natural Stone Curbing, Boroughs of Manhattan and the Bronx	Dec. 29, 1910

Department of Water Supply, Gas and Electricity, Bureau of Heat, Light and Power, September 13, 1911.

Hon. HENRY S. THOMPSON, Commissioner:

Dear Sir—I submit herewith the annual report for the year 1910, of the Bureau of Lamps and Lighting, and of Electrical Inspection in the five boroughs of the Greater City.

Attached hereto are given condensed tables comprising the engineering and financial statistics covering the work of these two bureaus in lighting streets and public buildings, furnishing heat and power, as well as inspection statistics. With these tables are the statistics of the inspection of gas for candle power and impurities, as well as the results of testing pressure.

The affairs of the bureaus have been continued throughout the year in the usual manner. Bids were advertised for, received and opened on March 15, 1910. On account of the new administration coming into office the bids could not be advertised as is usual in the last month of the preceding year. In the bids received it was found that the prices were somewhat lower than the year before in certain important items. Owing to the reduction in the price of arc lamps we were able to increase the number with practically no increased expense. This applied to the boroughs of Manhattan, The Bronx, and Brooklyn. This increased number of lamps was put in, in accordance with a system of distribution adopted for this work and described in the report of 1909.

In the Borough of Brooklyn, Prospect Park was lighted with Tungsten lamps following the success in lighting Central Park by this method. Beyond the extension of arc lighting already mentioned in Brooklyn, the less important streets requiring new lights were lighted by extending the mantle gas system.

In the Borough of Queens nearly 2,000 lamps of different kinds were added, but this number does not fill the requirements of this borough and heavy additions will have to be made here for several years to come.

In the Borough of Richmond improvements in the line of work were continued throughout the year and the usual increase in the number of lights was made.

In 1910 we completed standardizing all the arc lamps in The Greater City except a few ornamental lamps, and they are now all of the 450-watt type.

Early in 1910 the Board of Estimate and Apportionment ordered that all plans and specifications for electrical work in other departments should be submitted for revision and approval by this department in advance of calling for bids. This has been very difficult to handle as no additional force was given to us at the time, although the work was nearly doubled.

The usual increase is noted in the number of city buildings throughout the five boroughs and the expense of same is consequently increasing in about the same proportion as it has in previous years.

BUREAU OF ELECTRICAL INSPECTION.

The conditions of our arrangement with the New York Board of Fire Underwriters has been satisfactory and is working out for the benefit of all concerned. Inspection of electrical installations by this bureau and the underwriters has been handicapped somewhat by the revising of the rules. This revision work has progressed steadily through the year and it is expected that the final code governing the city will be issued shortly.

On account of the agreement with the Fire Underwriters we have found that we are able to make a number of reinspections of old electrical equipment, some of which we find seriously defective; the danger of fire and so on is more likely in the old equipment than the new, particularly under the construction rules of the present day, and this work should be continued as rapidly as possible by means of a larger force of inspectors.

In regard to overhead conductors in streets, the ratio between poles erected and poles removed continues to be decidedly on the wrong side; about five poles are erected for every pole removed; but the development of the suburbs is so rapid that for the present the existence of these conditions cannot be modified for the better.

The administration of this bureau has been much affected by the examination and licensing of moving picture operators and it is recommended that proper force and additional quarters be provided for this work so that it will no longer overrun the main office of the bureau.

A table is submitted showing the work done by the Electrical Bureau in the last year, and the report of the employees, with the cost of salaries and various bureau expenses is attached to the financial reports.

All of which is respectfully submitted.

C. F. LACOMBE, Chief Engineer of Light and Power.

Report of Business Transacted by the Bureau of Electrical Inspection During the Year 1910.

	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.	Total.
Interior Electrical Installations.						
Applications received	36,050	18,622	7,534	4,710	832	67,748
Certificates issued	30,673	16,310	6,489	3,747	627	57,846

	Manhattan,	Brooklyn.	The Bronx.	Queens.	Richmond	Total.
Equipment covered by certificates—						
Incandescent lamps	688,941	323,497	133,248	127,752	8,884	1,282,322
Arc lamps	4,819	1,598	323	684	11	7,435
Motors, number	14,439	2,543	534	686	50	18,252
Motors, horse power	46,844.11	10,680.79	2,145	5,359.25	259.19	65,288.34
Generators, number	122	56	11	45	..	234
Generators, kilowatt capacity	8,826.75	6,055.03	856	6,159.20	..	21,896.98
Electric signs	1,717	329	199	61	1	2,307
Motion picture machines	430	292	74	79	5	880
Services	2,800	3,505	1,555	17	..	7,877
Miscellaneous appliances	438	1,969	7	47	1	2,462
Exterior Electrical Construction.						
Applications received	16,744	12,956	7,945	6,668	1,899	46,212
Permits issued	16,704	12,841	*8,047	6,273	1,897	45,762
Operations conducted under permits—						
Poles erected	154	3,508	2,947	5,016	1,095	12,720
Poles removed	64	1,161	470	408	673	2,776
Miles of overhead conductors strung	187.35	9,038.08	1,678.20	8,020.73	2,152.33	21,076.69
Miles of overhead conductors removed	160.65	1,816.52	542.18	1,123.92	704.08	4,347.35
Miles of subway constructed, trench	35	32.54	14.09	8.54	..	90.17
Miles of subway constructed, ducts	130.84	191.28	106.63	85.98	3	517.73
Miles of underground conductors, laid	82,326.47	39,312.73	28,966.01	9,165.40	..	159,770.61
Inspections						
Interior inspections reported	39,656	36,542	11,274	19,146	2,226	108,844
Exterior inspections reported	7,461	4,556	6,158	15,700	2,670	36,545
Violation notices issued	2,590	1,408	713	2,419	518	7,648
Violations cleared	2,068	1,382	668	1,942	376	6,436

Operators of Motion Picture Machines.

Number of persons summoned for examination	2,620	Number of persons licensed	†1,221
Number of persons absent from examinations	611		
Number of persons examined	2,009		
Number of persons who failed in examinations	808		

*Includes permits issued upon applications held over from December, 1909.

†Includes licenses issued as a result of examinations passed in December, 1909.

February 27, 1911

Report of Division of Street Lighting, Maps and Records for All Boroughs.

The average number of lamps on street service increased during the year from 70,137 to 73,648, exclusive of lamps furnished free of charge, in accordance with the requirements of the franchises of some of the companies. This increases the number of lamps by 3,057 and the estimated candle power by over 850,000. The number of Tungsten lamps in use increased largely during the year in view of the general reduction in price. It is well to note that of the old open flame gas lamps, only 15 are now left in the Greater City.

In the Boroughs of Manhattan and The Bronx, 574 lighting orders for additions and changes to street lighting, were issued. In the Borough of Brooklyn, 694; in the Borough of Queens, 679; in the Borough of Richmond, 20; a total of 1,967.

The usual repairs to gas and electric lamps this year were 7,175, covered by about 1,087 orders.

The improved system of lighting as outlined in report of 1909 was put into effect on Lexington and Sixth avenues and marked improvements were made in the lighting of Broadway, St. Nicholas avenue, Central Park West, Marginal street, Division street, arches under the Queensboro Bridge, additional lighting on Queensboro Bridge, Manhattan Bridge, and the Madison avenue, Central and Lenox Avenue Bridges. The lighting in the vicinity of the Pennsylvania Terminal has largely increased to provide for the traffic at this point.

In the Borough of The Bronx the Grand Boulevard and Concourse were lighted for the first time and improvements made in Van Cortlandt park, Webster avenue, Melrose Avenue Viaduct, University Heights Bridge and Jerome avenue.

In the Borough of Brooklyn, a number of additions were made to the lighting. Some of these have already been mentioned.

By reason of the increase in arc lamps in the more congested districts we were enabled to use the gas lamps replaced by these in the suburbs. In consequence, a considerable improvement in the lighting conditions in Brooklyn was accomplished.

In the Borough of Queens, improvements were made in the lighting by the substitution of tungsten lamps in a number of places for arc lamps. Additional lighting was installed on Myrtle avenue, Broadway, Jamaica avenue, Metropolitan avenue, Merrick road, Atlantic avenue and Queens road. Additional lamps were put in in Briarwood, Wygand place; and the Board Walk at Rockaway Park was lighted by the city for the first time. Special attention was given the lighting of railway grade crossings in the Borough. During the year 70 arc lamps were installed for this purpose.

In the Borough of Richmond the overhead lines were rebuilt and a number of changes of location of lamps in the Borough were completed. During the year 73 new lamps were added.

A considerable portion of the work of relighting the streets leading to St. George Ferry with arc and tungsten lamps on iron posts has been accomplished. These lamps are fed by underground service, and we believe this is the first underground construction that amounts to anything in the Borough of Richmond.

Bureau of Lamps and Lighting.—Summary of Street Lighting (1910)—All Boroughs.

	Manhattan and The Bronx.	Brooklyn.	Queens.	Richmond.	Totals.	Cost (Includes Lamp-posts and repairs.)
Arc lamps	7,780	5,496	2,219	733	16,228	
	8,200	5,813	2,163	757	16,933	$1,584,217 73
	3,802	196	2,290	3,884	10,172	
Incandescent lamps	4,124	652	3,769	3,881	12,426	308,292 73
	20,465	18,834	4,975	239	44,513	
Gas mantle lamps	20,342	18,731	5,171	239	44,483	1,088,209 89
	47	2	.....	.....	49	
Gas open flame lamps	13	2	.....	.....	15	193 57
	1,424	588	2	.....	2,014	
Naphtha mantle lamps	1,399	390	2	.....	1,791	56,454 17
Naphtha open flame	....	12	.....	.....	12	
lamps	....	12	.....	.....	12	270 00
Average lamps burning	33,518	25,128	9,486	4,856	72,988	
Total lamps at end of year	34,078	25,600	11,105	4,877	75,660	
Total cost						$3,037,638 09

Total cost for each borough: Manhattan and The Bronx, $1,379,851.39; Brooklyn, $1,044,100.11; Queens, $426,095.68; Richmond, $187,590.91.

In addition to the above, there are 204 free lamps.

BUREAU OF LAMPS AND LIGHTING, 1910.

Detail of Lamps and Costs.

In the following tables the number of lamps is given, first, as the average number of lamps burning during the year, which may be divided into the cost of same for average cost, and, second, as the number of lamps burning at the end of year, which may be used in computing the fixed charge for the year succeeding. Rebates for lamp outages have been deducted from costs in all instances.

All lamps burne 3,950 hours annually. The City, except in rare instances, furnishes no equipment for lighting beyond the gas lamp-posts and the iron posts for tungsten lighting on underground service.

Where the rate changes in the detail sheets, it is on account of a new contract at a lower prices, or where the increase in number of lamps gives a decreased rate, or where certain concessions are made on account of equipment furnished by the City in rare instances.

SCHEDULE 1.

Electric Street Lighting—Manhattan and The Bronx—Appropriations.
Codes Nos. 505 and 513.
Electric Lights.

Company.	Average No. of Lamps, and Lamps at End of Year.		Arc Lamps. Kind.	Arc Lamps. Rate Per Year.	Net Cost Year. Outages Deducted.	Manhattan and Bronx. Total Arc Light'g.
Manhattan.	First.	End.				
N. Y. Edison	187 pairs.	199 pairs.	Twin 450 W. Arcs. 163 pairs	$164 25 pair.		
N. Y. Edison	4,849	5,066	Single 450 W. Arcs.	100 00		
	Bridges.			95 00		
N. Y. Edison	22	22	325 W. Arcs.	90 00		
					$503,060 77	
				Spec. Mtc. Annual Rate.		
N. Y. Edison	..	*20	Flame	$50 00		
Bronx.						
N. Y. Edison	1,786	1,978	Single 450 W. Arcs.	100 00 95 00		
					176,560 04	
						$679,620 81
Bronx Gas & Elec. Co.	749	736	Single 450 W. Arcs.	$102 56 100 00		
	7,780	8,200			$75,200 36	75,200 36
Total Arcs, Manhattan and Bronx						$754,821 17

*Not to be counted.

Company.	Average No. of Lamps, and Lamps at End of Year.		Incandescent Lamps. Kind.	Incandescent Lamps. Rate Per Year.	Net Cost Year. Outages Deducted.	Manhattan and Bronx. Total Incan. Ltg.
Manhattan.	First.	End.				
N. Y. Edison	15	16	Carbon 90–100 Watts.	$22 50		
N. Y. Edison	2,101	2,124	Tungsten 78-92 Watts.	26 50		
N. Y. Edison	59	59	Tungsten 69-81 Watts.	28 00 24 00		
N. Y. Edison	30	30	Tungston 53-67 W.	24 00		
					$58,782 53	
Repairs					1,005 20	
						$59,787 73
Manhattan.	First.	End.				
U. E. L. & P. Co.	5	7	Carbon 90–100 Watts.	$22 50 21 50		
U. E. L. & P. Co.	38	48	Tungsten 78–92 Watts.	28 00 26 50		
U. E. L. & P. Co.	11	11	Tungsten 78–92 Watts.	25 20 24 00		
U. E. L. & P. Co.	34	41	Tungsten 50–55 Watts.	20 25 21 50		
			Painting Lampposts	14 10		
					$2,362 20	
Bronx.						
N. Y. Edison	5	6	Carbon 90-100 Watts.	$22 50		
			Carbon Watts. Tungsten			
					18,068 60	
						$43,977 37
N. Y. Edison	665	833	Tungsten 69-81 Watts.	$30 00 26 50		
N. Y. E. Inc.—Total					$77,856 33	

Company.	Average No. of Lamps, and Lamps at End of Year.		Incandescent Lamps. Kind.	Rate Per Year.	Net Cost Year. Outages Deducted.	Manhattan and Bronx. Total Incan. Ltg.
Westchester Ltg. Co...	4	4	Carbon 90-100 Watts.	$25 00		
Westchester Ltg. Co...	483	492	Tungstetn 75-92 Watts.	30 00 28 00	13,668 30	
Bronx Gas & Elec. Co.	354	460	Tungsten 75-92 Watts.	$28 10 28 00	9,878 27	
Total Incandescent Ltg.	3,802	4,124				103,765 10
Total Arc Ltg.....	7,780	8,200				
Total Electric...	11,582	12,324				$858,586 27

SCHEDULE 2.

Gas Street Lighting—Manhattan and The Bronx—Appropriations, Codes Nos. 505 and 515.

Gas Lamps.

Company.	Average No. of Lamps, and Lamps at End of Year.	Kind.	Price per Lamp per Year.	Net Cost Gas Outage Deducted.	Repairs to Posts.	Cost.
Manhattan—						
Consolidated Gas Co...	13,941	Mantle				
	13,765	3½ c. ft.	$10 36875			
Consolidated Gas Co...	24	O.F.				
	7	3 c. ft.	8 89	$143,929 39	$14,886 20	$158,815 59
Welsbach Street Lighting Co. of America...	13,941	Mantle	12 00			
	13,765					
Maintenance and supply of lamps only.....	24	O.F.	6 00			
	7			166,595 88		166,595 88
						$325,411 47
Bronx—						
Northern Union Gas Co.	3,642	Mantle				
	3,670	3½ c. ft.	10 36875			
Northern Union Gas Co.	13	O.O.				
	...	3½ c.ft.	8 89	37,864 54	2,309 00	40,173 54
Central Union Gas Co.	2,431	Mantle				
	2,451	Mantle	8 89			
Central Union Gas Co.	7	O.F.	8 89			
	6	O.F.	8 89	25,213 18	2,169 40	27,382 58
Westchester Lighting Co.	450	Mantle	8 89			
	456	Mantle	8 89			
Westchester Lighting Co.	2	O.F.	8 89			
	..	O.F	8 89	4,680 60	259 40	4,940 00
				Gas.	Repairs.	Gas and Repairs
				$67,758 32	$4,737 80	$72,496 12
Welsbach Street Lighting Co. of America...	6,524					
	6,577	Mantle	12 00			
Maintenance and supply of lamps only.....	43					
	6	O.F.	6 00	$78,264 40	.....	$78,264 40
						$150,760 52
Gas supplies, lamp posts, fire alarm glasses, cartages and extra maintenance						5,438 82
Manhattan and The Bronx totals						$481,610 81

Naphtha Street Lighting.

Company.	Average No. of Lamps, and Lamps at End of Year.	Kind.	Price per Lamp per Year.	Net Cost Gas Outage Deducted.	Repairs to Posts.	Cost.
Manhattan—						
Welsbach Street Lighting Co. of America..	133	Mantle				
	132	Mantle	$28 00	$3,691 67	.....	$3,691 67
Supplies, everything, posts, lamps and maintenance....				.....	.....	.....
Bronx—						
No. of lamps.....	1,291	Mantle				
No. of lamps.....	1,267	Mantle	28 00	35,962 64	.....	35,962 64
Manhattan and Bronx Totals.....						$39,654 31

SCHEDULE 3.

Summary—Manhattan and The Bronx, 1910—Street Lighting—Bureau of Lamps and Lighting.

Manhattan—Electricity.

Company.	No. of Lamps. Arcs.	Incandescent.	Cost.	Cost.
New York Edison Co.....	5,245	2,205	.....	$503,060 77
New York Edison Co.....	5,486	2,229	$59,787 73	.....
		86		
United Electric Light & Power Co..	.....	100	2,362 20	.....
Total			$62,149 93	$503,060 77

The Bronx.

Company.	No. of Lamps. Arcs.	Incandescent.	Cost.	Cost.
New York Edison Co.....	1,786 1,978	.....	.....	$176,560 04
New York Edison Co.....	.....	670 839	$18,068 60	.....
Bronx Gas and Electric Co.....	749 736	.....	.....	75,200 36
Bronx Gas and Electric Co.....	.....	354 460	9,878 27	.....
Westchester Lighting Co.....	.....	487 496	13,668 30	.....
Total			$41,615 17	$251,760 40

Manhattan and The Bronx.

Company.	No. of Lamps. Arcs.	Incandescent.	Cost.	Cost.
New York Edison Co.....	7,031 7,464	.....	.....	$679,620 81
New York Edison Co.....	.....	670 839	$77,856 33	.....
United Electric Light & Power Co..	.....	86 100	2,362 20	.....
Bronx Gas & Electric Co.....	749 736	.....	.....	75,200 36
Bronx Gas & Electric Co.....	.....	354 460	9,878 27	.....
Westchester Lighting Co.....	.....	487 496	13,668 30	.....
Total	7,780 8,200	3,802 4,124	$103,765 10	$754,821 17
Total electric lamps....	11,582 12,324			12,180
Total cost				$858,586 27

Gas.
Manhattan and The Bronx.
Including Repair to Lamp Posts.

Company.	No. of Lamps.		Cost Gas.	Cost Maintenance.
Consolidated Gas Co.....	.....	13,772	.....	$158,815 59
Welsbach Street Lighting Co. of America (maintenance)	13,941 13,772	.....	.....	166,595 88
Northern Union Gas Co.....	.....	3,672	$40,173 54	.....
Central Union Gas Co.....	.....	2,457	27,382 58	.....
Westchester Lighting Co.....	.....	454	4,940 00	.....
Welsbach Street Lighting Co. of America (maintenance)	6,512 6,583	6,583	78,264 40	78,264 40
Gas and maintenance.....	20,512 10,355	20,355	231,311 71	244,860 28

	Total Lamps.	Total Cost.
Gas	20,512	$231,311 71
Maintenance	20,355	244,860 28
Supplies	.....	5,438 82
Total	.....	$481,610 80

Naphtha.

Company.	No. Lamps Manhattan.	Cost.	No. Lamps Bronx.	Cost.
Welsbach Street Lighting Co.....	132	$3,691 67	1,291	$35,962 64

Summary—Street Lighting.
Manhattan and The Bronx.
Total number of lamps, 1,423; cost, $39,654.31.

Manhattan and The Bronx—All Lamps and Costs.

	No. Lamps.	Cost.
Electric	11,582 12,324	$858,586 27
Gas and repairs.....	20,512 20,335	481,610 81
Naphtha	1,423 1,399	39,654 31
Lamp posts for Tungsten lamps, contract liability.....	.....	4,758 00
Tootal	33,932	$1,384,609 34

SCHEDULE 4.

Bureau of Lamps and Lighting—Electric Street Lighting, 1910.
Borough of Brooklyn, Appropriations Nos. 520 and 527.

Company.	Average No. of Lamps and Lamps at End of Year.	Kind.	Rate per Year.	Net Cost Year Outrages Deducted.	Cost.
Edison Electric Illuminating Co.	4,479	450	$100 00		
	4,792	watt	95 00		
Edison Electric Illuminating Co.	189	325	.....		
	182	watt	90 00		
Edison Electric Illuminating Co.	191	Tungsten	30 00		
	647	78-92 watts	28 00	$462,735 73	$462,735 73
Flatbush Gas Co.....	818	450 watt	.....		
	839	arcs	100 00		
Flatbush Gas Co.....	5	Tungsten	.....		
	5	78-92 watts	28 00	82,038 24	82,038 24
(Incandescent lighting, $4,810.02 incluuded).					
Total Electric Lighting.....					$544,773 97

Gas—Gas Lamps.

Company.	No. of Lamps at First and End of Year.	Kind.	Price per Lamp per Year.	Net Cost Gas Outage Deducted.	Repairs to Posts.	Cost.
				Gas.	Repairs.	
Brooklyn Union Gas Co.	*13,685 *13,423	Mantle 3½ c.ft.	$10 36875	$141,909 42	$11,938 30	$153,847 72
Brooklyn Borough Gas Co.	541 605	Mantle 3½ c.ft.	10 36875	5,596 76	982 00	6,558 76
New York & New Jersey G. G. Lighting Co., supply and maintenance of gas lamps only	14,224 14,026	Mantle 3½ c.ft. 3½ c.ft.	13 32 12 50	180,214 40	104 60 Resetting, etc.	180,319 00
Special contract, Kings County Lighting Co.	4,610 4,705	Mantle 3½ c.ft.	28 00	128,910 14	7,629 70	136,539 84
Total Gas	18,836 18,733			276,416 32	Repairs and resets.	
Total Maintenance				180,214 40	20,634 60	
Grand totals, gas, etc.....				$456,630 72	$20,634 60	$477,265 32

*2 open-flame lamps.

Naphtha.

Company.	No. of Lamps at First and End of Year.	Kind.	Rate per Year.	Net Cost Year Outages Deducted.	Cost. Brooklyn Electric Lamps.
Welsbach Street Lighting Co. of America..	588 390	Mantle	$28 00	$16,743 82	$16,743 82
Welsbach Street Lighting Co. of America..	12 12	O.F.	22 50	270 00	270 00
Total naptha				$17,013 82	$17,013 82

Brooklyn, All Lamps and Costs.

Company.	No. of Lamps at End of Year.	Kind.	Total Lamps.	Net Cost Year Outages Deducted.
Electric	5,813 652	arc. Incan.	6,583	$544,773 97
Gas and repairs	.....	Mantle	18,773	477,265 32
Naphtha	390 12	Mantle O.F.	402	17,013 82
Lamp posts	.....	.....	.....	.....
Free—Electric arc lamps	.....	118	.....	.....
Grand Total, Lamps			25,728	$1,039,342 11

SCHEDULE 5.

Borough of Queens, Appropriations Nos. 533 and 540.
Electric Street Lighting, 1910.

Company.	Average No. of Lamps, and Lamps at End of Year.	Kind.	Rate per Year.	Net Cost for Year, Outages Deducted.	Total.
Arc Lamps.					
New York and Queens Electric Light and Power Co...	1,978 1,953	450 watt arcs	$100 00	$198,468 94 *30 00	
New York and Queens Electric Light and Power Co...	27 27	450 watt arcs	90 00		$198,498 94
Queens Borough Gas and Electric Co.	20 183	450 watt arcs	100 00		18,790 95
Queens Borough Gas and Electric Co.	194	325 watt arcs**	90 00		
Total arc lighting					$217,289 89
Incandescent Lamps.					
New York and Queens Electric Light and Power Co...	2,591 3,208	78-92 watt inc.	$31 02 29 00	$73,079 56	
Queens Borough Gas and Electric Co.	399 561	78-92 watt inc.	31 25 30 00	11,728 99	
					84,808 55
Total electric lamps					$302,098 44

*Painting. **Superseded.

Gas Street Lighting.

Company.	Average No. of Lamps, and Lamps at End of Year.	Kind.	Rate per Year.	Gas.	Repairs.	Total.
New York and Quesns Gas Co..	571					
Newtown Gas Co..	650	Mantle	$10 36875	$5,890 36	$1,366 70	$7,257 06
Newtown Gas Co..	2,626 2,675	Mantle	10 36875	27,153 63	2,652 40	29,806 03
Woodhaven Gas Co.	631 692	Mantle	10 36875	6,528 12	1,514 70	8,042 82
Richmond Hill and Queens County Gas Lighting Co.	570 609	Mantle	10 36875	5,903 42	1,234 60	7,138 02
Queens Borough Gas and Electric Co.	316 252	Mantle	10 36875	3,297 47	1,177 50	4,474 97
Jamaica Gas Lighting Co.	261 293	Mantle	10 36875	2,708 27	457 70	3,165 97
				$51,481 27	$8,403 60	
Forest Const. & Quarry Co.—Moving lamp posts					450 25	450 25

Company.	Average No. of Lambs and Lamps at End of Year.	Kind.	Rate per Year.	Gas.	Fepairs.	Total.
New York and New Jersey Gas Lighting Co., supply and maintenance of gas lamps only	4,975 5,171	Mantle Mantle	13 98 12 50	63,532 88	73 20	63,606 08
Total gas and maintenance and repairs						$123,941 20

Naphtha Street Lighting.

Company.	Average No. of Lamps, and Lamps at End of Year.	Kind.	Rate per Year.	Net Cost for Year, Outages Deducted.	Total.
Welsbach Street Lighting Co.	2 2	Mantle	$28 00	$56 04	$56 04
					$56 04

Queens, All Lamps and Costs.

	Lamps.	Cost.
Electric, arc	2,219 2,163	
Electric, incandescent	2,990 3,769	$302,098 44
Gas, mantle	4,975 5,171	123,941 20
Naphtha	2 2	56 04
	10,186 11,105	$426,095 68

SCHEDULE 6.

Borough of Richmond, Appropriation No. 553.
Electric Street Lighting, 1910.

Company.	Average No. of Lamps, and Lamps at End of Year.	Kind.	Rate per Year.	Net Cost for Year, Outages Deducted.	Total.
Arc Lamps.					
Richmond Light & Railroad Co.	753 757	450 watt arcs	$100 00	$72,142 72	$72,142 72
Total arc lighting					$72,142 72
Incandescent Lamps.					
Richmond Light & Railroad Co.	3,844 3,881	75 watt Tungsten	$29 00	$109,862 06	$109,862 06
	4,577 4,638				
Total incandescent lighting					$109,862 06
Total electric lighting					$182,004 78

Gas Street Lighting.

Company.	Average No. of Lamps, and Lamps at End of Year.	Kind.	Rate per Year.	Net Cost for Year, Outages Deducted.	Total.
Welsbach Street Lighting Co., supply and maintenance of gas lamps only	239 239	Mantle Lamps	$13 98 12 50	$3,060 29	$3,060 29
New York and Richmond Gas Co.	239 239	Mantle gas, 3½ cu. ft.	10 36875	2,478 04	2,478 04
	239 239				$5,538 33
Painting posts					47 80
Total gas lighting					$5,586 13

Richmond, All Lamps and Costs.

	Lamps.	Cost.
Electric arc	733 757	
Electric incandescent	3,844 3,881	$182,004 78
Gas mantle	239 239	5,586 31
	4,816 4,877	$187,590 91

See tables at end of report for lamp statistics, etc.

SCHEDULE 8.

Bureau of Lamps and Lighting, Boroughs of Manhattan and The Bronx.
Cost of Electric Lighting in Public Buildings in the Boroughs of Manhattan and The Bronx During the Year 1910.
Appropriation 514. Lighting Public Buildings.

Department.	Manhattan. N. Y. Edison Co.	Manhattan. United El. Lt.& P. Co.	Manhattan. Total.	The Bronx. N. Y. Edison Co.	The Bronx. Westchester Light. Co.	The Bronx. Bronx G. & E. Co.	The Bronx. Total.	Total Manhattan and Bronx
Education	$67,741 26	$39,462 84	$107,204 10	$9,921 61	$684 00	$810 80	$11,416 41	$118,620 51
Fire	12,010 97	820 67	12,831 64	1,621 88	219 50	232 60	2,073 98	14,905 62
Police	21,173 40	.....	21,173 40	3,227 35	1,123 30	40 30	4,390 95	25,564 35
Charities	222 12	214 60	436 72	1,429 18	30	.....	1,429 48	1,866 20
Corrections	20,366 43	.....	20,366 43	.....	.....	.....	.....	20,366 43
Health	20,255 49	.....	20,255 49	6,111 03	.....	.....	6,111 03	26,366 52
Parks	4,614 59	571 19	5,185 78	375 90	1 30	326 20	703 40	5,889 18
Hospitals	37,989 71	.....	37,989 71	.....	.....	.....	.....	37,989 71
Street Cleaning	4,258 95	.....	4,258 95	570 13	.....	.....	570 13	4,829 08
Borough President, Manhattan	.....	2.618 09	.....	.....	.....	.....	.....	2,618 09

Department.	Manhattan. N. Y. Edison Co.	Manhattan. United El. Lt. & P. Co.	Manhattan. Total.	The Bronx. N. Y. Edison Co.	The Bronx. Westchester Light. Co.	The Bronx. Bronx G. & E. Co.	The Bronx. Total.	Total Manhattan and Bronx
City College	673 55	.....	673 55	.....	.....	.....	.....	673 55
Normal College	1,401 35	.....	1,401 35	.....	.....	.....	.....	1,401 35
Bridges	34 22	611 11	645 33	294 00	425 10	.....	719 10	1,364 43
Buildings	241 19	.....	241 19	.....	.....	.....	.....	241 19
Public Buildings	34,171 65	148 40	34,320 05	2,956 89	185 00	131 50	3,273 39	37,593 44
Armories	33,610 50	1,008 83	34,619 33	1,289 63	.....	.....	1,289 63	35,908 96
Borough President, The Bronx	.....	.....	.....	988 62	.....	.....	988 62	988 62
Docks and Ferries	20,144 19	278 84	20,423 03	.....	.....	.....	.....	20,423 03
Williamsburg Bridge	28,529 48	.....	28,529 48	.....	.....	.....	.....	28,529 48
Brooklyn Bridge	30,734 00	.....	30,734 00	.....	.....	.....	.....	30,734 00
Queensboro Bridge	38,983 75	.....	38,983 75	.....	.....	.....	.....	38,983 75
Manhattan Bridge	14,673 37	.....	14,673 37	.....	.....	.....	.....	14,673 37
Gross total	$391,830 17	$45,734 57	$437,564 74	$28,786 22	$2,638 50	$1,541 40	$32,966 12	$470,530 86
Rebates	32,864 39	1,311 32	34,175 71	1,579 32	.....	.....	1,579 32	35,755 03
Net total	358,965 78	44,423 25	403,389 03	27,206 90	2,638 50	1,541 40	31,386 80	434,775 83

Rates—N. Y. Edison (Manhattan and The Bronx) and United Electric Light and Power Company, $0.075 per kilowatt hour. Westchester Lighting Company and Bronx Gas and Electric Company, $0.10 per kilowatt hour.

SCHEDULE 9.

Department of Water Supply, Gas and Electricity.
Bureau of Lamps and Lighting—Boroughs of Manhattan and The Bronx.
Cost of Gas Lighting in Public Buildings in the Boroughs of Manhattan and The Bronx During the Year 1910.
Appropriation 514. Lighting Public Buildings.

Departments.	Consolidated Gas Co.	New Amsterdam Gas Co.	Standard G. L. Co.	Mutual G. L. Co.	Central U. Gas Co.	Northern U. Gas Co.	Westchester L. Co.	Bronx G. & E. Co.	Total.	Consumption, *Cubic Feet.
Education	$36,763 00	$4,520 55	$3,718 40	$4,831 05	$4,472 84	$1,907 08	$190 95	$421 24	$56,834 11	75,778,800
Fire	7,235 38	3,637 79	.....	12 90	1,078 42	438 06	272 55	117 12	12,792 22	17,056,400
Police	8,900 05	4,527 52	1,880 30	1,264 50	619 28	88 58	.....	280 96	17,561 19	23,414,900
Charities	1,083 25	27,413 81	.....	.....	.....	.....	.....	.....	28,497 06	37,996,200
Correction	3,661 60	3,529 21	.....	.....	.....	.....	.....	.....	7,190 81	9,587,700
Health	2,560 62	.....	109 42	.....	287 85	.....	.....	.....	2,957 89	3,943,800
Parks	1,602 19	.....	18 22	278 70	.....	.....	172 65	.....	2,071 76	2,762,300
Hospitals	9,494 73	.....	49 89	36 15	.....	379 96	.....	.....	9,960 73	13,280,900
Street Cleaning	7,607 58	145 67	5 25	493 95	345 29	107 82	.....	60 04	8,765 60	11,687,500
City College	335 88	.....	.....	484 35	.....	.....	.....	.....	820 23	1,093,600
Normal College	643 76	.....	.....	.....	.....	.....	.....	.....	643 76	858,400
Bridges	.....	.....	32 62	.....	.....	.....	.....	.....	32 62	43,500
Sewers	.....	.....	.....	.....	28 20	4 51	.....	16 41	49 12	65,500
Borough President, Manhattan	73 14	.....	.....	.....	.....	.....	.....	.....	73 14	97,500
Public Buildings	11,882 96	3,911 12	65 64	247 20	114 52	2,613 31	.....	8 99	18,843 74	25,125,000
Armories	209 95	9,731 60	.....	.....	.....	372 75	.....	.....	10,314 30	13,752,400
Public Markets	1,498 51	208 35	.....	.....	.....	.....	.....	.....	1,706 86	2,275,800
Docks and Ferries	163 83	.....	.....	.....	.....	.....	.....	.....	163 83	218,400
Finance	17 49	.....	.....	2 70	.....	.....	.....	.....	20 19	26,900
Total	$93,733 92	$57,634 62	$5,879 74	$7,651 50	$6,946 40	$5,912 07	$636 15	$904 76	$179,299 16	239,065,500

*75 cents per M cubic feet.

Total Cost of Lighting Public Buildings in the Boroughs of Manhattan and The Bronx During the Year 1910.

Electricity	$434,775 83
Gas	179,299 16
Installations and Fixtures	275 95
	$614,350 94

SCHEDULE 10.

Bureau of Lamps and Lighting—Boroughs of Manhattan and The Bronx.

Cost of Electric Current to Public Buildings in the Boroughs of Manhattan and The Bronx, During the Year 1910.

Appropriation 515. Heat and Power for City Departments.

Departments.	Manhattan. *N. Y. Edison Co.	Manhattan. *United Electric L. & Power Co.	Manhattan. Total.	Bronx. *N Y Edison Co.	Total, Manhattan & Bronx.
Education	$5,468 66	$3,244 04	$8,712 70	$1,460 58	$10,173 28
Fire	3,237 73	.....	3,237 73	.....	3,237 73
Police	486 00	.....	486 00	.....	486 00
Health	514 99	.....	514 99	1,272 00	1,786 99
Parks	259 08	.....	259 08	.....	259 08
Charities	.....	.....	.....	41 94	41 94
Corrections	126 43	.....	126 43	.....	126 43
Street Cleaning	1,026 93	.....	1,026 93	17 28	1,044 21
Bridges	1 50	171 60	173 10	135 60	308 70
Highways and Sewers	.....	.....	.....	4 80	4 80
Docks and Ferries	514 80	.....	514 80	.....	514 80
Public Buildings	2,182 00	4 92	2,186 92	138 26	2,325 28
Armories	253 70	16 02	269 72	.....	269 72
Borough President, Manhattan	.....	689 46	689 46	21 96	711 42
Total	$14,071 82	$4,126 04	$18,197 86	$3,092 52	$21,290 38

*Rate, 6 cents per kw. hour.

	For Steam Heat.
New York Steam Company	$19,442 89
DeMilt Dispensary	400 00
N. W. Keane	.....
Total	$19,842 89

Total Cost to City Departments for Heat and Power in the Boroughs of Manhattan and The Bronx During the Year 1910.

Electric Current	$21,290 38
Steam Heat	19,842 89
Total	$41,133 27

SCHEDULE 11.

Bureau of Lamps and Lighting—Boroughs of Manhattan and The Bronx.

Cost of High-Pressure Fire Service in Borough of Manhattan, During the Year 1910.
Appropriation 516. High Pressure Fire Service, etc.

N. Y. Edison Co., High-Pressure Fire Service, etc—	
"Standby" Charge	$78,000 00
Power Charge	12,334 50
Total	$90,334 50

SCHEDULE 12.

Bureau of Lamps and Lighting—Borough of Brooklyn.
Cost of Electric Lighting in Public Buildings During the Year 1910.
Appropriation 528. Lighting Public Buildings.

Departments.	*Edison Co.	†Flatbush Gas Co.	Total Departments.
Education	$36,201 41	$2,950 44	$39,151 85
Police	8,112 30	346 50	8,458 80
Fire	3,589 66	290 30	3,879 96
Armories	22,688 44	.....	22,688 44
Water Supply	1,969 78	.....	1,969 78
Public Works	13,011 88	.....	13,011 88
Public Works (segregated)	11,147 96	.....	11,147 96
Street Cleaning	5,670 66	.....	5,670 66
Charities	6,477 45	.....	6,477 45
Docks and Ferries	4,563 90	.....	4,563 90
Health	84 78	3,934 93	4,019 71
Bridges	118 68	.....	118 68
Parks	1,720 67	.....	1,720 67
Correction	6,411 60	.....	6,411 60
Lamps in front of Mayor's Residence	25 40	.....	25 40
Total	$121,794 57	$7,522 17	$129,316 74

* 9c per kilowatt hour. †10c per kilowatt hour.

SCHEDULE 13.

Bureau of Lamps and Lighting—Borough of Brooklyn.
Cost of Gas Lighting in Public Buildings During the Year 1910.
Appropriation 528. Lighting Public Buildings.

Departments.	*Brooklyn Union Gas Co.	*Brooklyn Borough Gas Co.	*Flatbush Gas Co.	†Kings County Lighting Co.	Total.	Consumption Cubic Feet.
Education	$13,069 97	$77 27	$554 65	$654 80	$14,356 69	18,924,000
Police	11,134 97	182 47	612 37	81 10	12,010 91	15,987,500
Fire	5,956 38	436 82	245 85	581 20	7,220 25	9,433,200
Street Cleaning	591 71	.....	8 61	194 10	794 42	994,500
Health	409 46	.....	1,825 03	.....	2,234 49	2,979,300
Charities	580 98	45 10	1,950 90	.....	2,576 98	3,435,900
Parks	148 09	.....	69 45	.....	217 54	290,000
Armories	9,107 66	.....	.....	.....	9,107 66	12,143,500
Water Supply	2,931 94	555 38	.....	22 10	3,509 42	4,671,800
Public Works	2,216 06	.....	.....	.....	2,216 06	2,954,700
Bridges	69 48	.....	.....	.....	69 48	92,600
Correction	565 98	.....	.....	.....	565 98	754,600
Disciplinary Training School	.....	.....	.....	1,714 90	1,714 90	1,714,900
Total	$46,782 68	$1,297 04	$5,266 86	$3,248 20	$56,594 78	74,376,500

* 75c per 1,000 cubic feet.
†$1.00 per 1,000 cubic feet under special long term contract.

Total Cost of Lighting Public Buildings During the Year 1910.

Electricity	$129,316 74
Gas	56,594 78
Transit Development Company	146 12
Welsbach Gas Lamp Co., Testing Apparatus	29 49
Total	$186,087 13

SCHEDULE 14.

Bureau of Lamps and Lighting—Borough of Brooklyn.
Cost of Electric Current to Public Buildings During the Year 1910.
Appropriation 529. Heat and Power for City Departments.

Departments.	*Edison El. Ill. Co.	†Flatbush Gas Co.	Total.
Education	$5,142 65	$898 34	$6,040 99
Police	561 08	.....	561 08

Departments.	*Edison El. Ill. Co.	†Flatbush Gas Co.	Total.
Fire	424 70	.....	424 70
Armories	85 38	.....	85 38
Water Supply	754 59	.....	754 59
Public Works	3,228 58	.....	3,228 58
Street Cleaning	674 40	.....	674 40
Charities	544 61	.....	544 61
Health	399 18	1,024 49	1,423 67
Bridges	219 64	.....	219 64
Parks	115 14	.....	115 14
Correction	288 60	.....	288 60
Public Works (segregated)	3,932 77	.....	3,932 77
Total	$16,371 32	$1,922 83	$18,294 15

*6 cents per kilowatt hour. †12 cents per kilowatt hour.

SCHEDULE 15.

Bureau of Lamps and Lighting—Borough of Brooklyn.
Cost of Gas for Power to Public Buildings During the Year 1910.
Appropriation 529. Heat and Power for City Departments.

Departments.	*Brooklyn Union Gas Co.	*Brooklyn Borough Gas Co.	*Flatbush Gas Co.	†Kings County Lighting Co.	Total.	Consumption Cubic Feet.
Education	$2,226 41	$169 77	$264 74	$627 80	$3,288 72	4,175,700
Water Supply	341 72	.....	.....	.....	341 72	455,600
Fire	845 21	.....	.....	.....	845 21	1,126,900
Armories	537 18	.....	.....	.....	537 18	716,200
Health	60 85	.....	94 14	.....	154 99	206,600
Public Works	.....	122 74	.....	.....	122 74	163,600
Charities	.....	71 74	180 68	.....	252 42	336,600
Police	.....	.....	97	.....	97	1,300
Total	$4,011 37	$364 25	$540 53	$627 80	$5,543 95	7,182,500

*75 cents per 1,000 cubic feet. †$1 per 1,000 cubic feet under special long term contract.

Total Cost of Heat and Power to Public Buildings in the Borough of Brooklyn **During the Year 1910.**

Electricity	$18,294 15
Gas	5,543 95
Total	$23,838 10

SCHEDULE 16.

Bureau of Lamps and Lighting—Borough of Brooklyn.
Cost of High Pressure Fire Service During the Year 1910.
Appropriation 530. High Pressure Fire Service, etc.

Edison Electric Illuminating Company of Brooklyn, High Pressure Fire Service, Etc.	
"Stand-by" Charge	$43,920 00
Power Charge	1,291 50
Total	$45,211 50

SCHEDULE 17.

Bureau of Lamps and Lighting—Borough of Queens.
Cost of Electric Lighting to Public Buildings in the Borough of Queens During the Year 1910 by Companies and Departments.
Appropriation 541. Lighting Public Buildings.

Departments.	N. Y. & Queens El. Light & Power Co.	Queens Boro Gas & Elec. Co.	Total Departments.
Administration Buildings	$10,035 90	$250 10	$10,286 00
Education	5,368 50	206 00	5,574 50
Fire	.....	816 65	816 65
Police	1,997 50	478 70	2,476 20
Total	$17,401 90	$1,751 45	$19,153 35

Rate—10 cents per kilowatt hour.

SCHEDULE 18.

Bureau of Lamps and Lighting—Borough of Queens.
Cost of Gas Lighting in Public Buildings in the Borough of Queens During the Year 1910, by Companies and Departments.
Appropriation 541. Lighting Public Buildings.

Departments.	Queens Boro. Gas & El. Co.	N. Y. & Queens Gas Co.	Newtown Gas Co.	Richmond Hill & Queens G. L. Co.	Woodhaven G. L. Co.	Jamaica G. L. Co.	East River Gas Co.	Total Departments.	Consumption, Cubic Feet.
Administration Buildings	$35 22	$94 85	$99 63	.....	.....	$122 62	$1,786 49	$2,138 81	2,851,700
Education	141 05	287 33	1,842 85	$363 36	$207 32	404 06	885 82	4,131 79	5,509,100
Fire	1,283 50	639 03	.....	136 51	.....	660 90	814 26	3,534 20	4,712,300
Police	256 09	418 35	660 20	264 26	348 10	867 19	519 90	3,334 09	4,445,400
Armories	.....	24 92	.....	.....	.....	.....	.....	24 92	33,200
Total	$1,715 86	$1,464 48	$2,602 68	$764 13	$555 42	$2,054 77	$4,006 47	$13,163 81	17,551,700

Rate—75 cents per thousand cubic feet.

Total Cost of Lighting Public Buildings in the Borough of Queens During the Year 1910.

Electricity	$19,153 35
Gas	13,163 81
Total	$32,317 16

SCHEDULE 19.

Bureau of Lamps and Lighting—Borough of Queens.
Cost of Heat and Power to Public Buildings in the Borough of Queens During the Year 1910, By Companies and Departments.
Appropriation 542. Heat and Power for City Departments.

Departments.	Electricity.			Gas.					
	*N. Y. & Queens El. Lt. & B. Co.	**Queens Boro G. & E. Co.	Total.	East River Gas Co.	Woodhaven G. L. Co.	Richmond Hill & Queens G. L. Co.	Total.	Total Electricity & Gas.	Consumption, Cubic Feet.
Administration Buildings	$24 00	.....	$24 00	.....	.....	.....	.....	$24 00	.....
Education	1,149 49	$139 70	1,289 19	$344 92	$30 24	$34 38	$409 54	1,698 73	546,000
Fire	371 49	.....	371 49	.....	.....	.....	.....	371 49	.....
Sewers and Parks	27 28	.....	27 28	.....	.....	.....	.....	27 28	.....
Total	$1,548 50	$139 70	$1,688 20	$344 92	$30 24	$34 38	$409 54	$2,097 74	546,000

*8 cents per kilowatt hour. **10 cents per kilowatt hour. Gas—75 cents per thousand cubic feet.

Total cost of heat and power to public buildings in the Borough of Queens during the year 1910:

Electricity	$1,688 20
Gas	409 54
Total	$2,097 74

SCHEDULE 20.

Cost of Lighting Public Buildings in the Borough of Richmond During the year 1910, By Companies.
Appropriation 554. Lighting Public Buildings.

Departments.	(A) *Richmond Lt. & R.R. Co.	(B) †N. Y. & Richmond Gas Co.	Total.	Consumption. (B) Cubic Feet.
Farm Colony	$2,655 52	.....	$2,655 52	.....
Public Buildings	10,873 48	.....	10,873 48	.....
Street Cleaning	701 47	.....	701 47	.....
Police	308 40	$575 64	884 04	767,500
Fire	278 77	668 01	946 78	890,700
Docks and Ferries	21,281 20	100 70	21,381 90	134,300
Education	2,388 90	411 25	2,800 15	548,300
Village Halls	.....	65 03	65 03	86,700
Photometric Station	.....	2 55	2 55	3,400
Topographical Bureau	.....	7 56	7 56	10,100
Water Supply	.....	9 27	9 27	12,300
Crematory	.....	4 12	4 12	5,500
Public Works	.....	17 23	17 23	23,000
Total	$38,487 74	$1,861 36	$40,349 10	2,481,800

*Rate—10 cents per kilowatt hour. †75 cents per 1,000 cubic feet.

Total Cost of Lighting Public Buildings in the Borough of Richmond During the Year 1910.

Electricity	$38,487 74
Gas	1,861 36
Reginald Pelham Bolton, professional services	150 00
	$40,499 10

SCHEDULE 21.

Bureau of Lamps and Lighting—Borough of Richmond.
Cost of Lighting Public Buildings in the Borough of Richmond During the year 1910, By Companies.
Appropriation 555. Heat and Power for City Departments.

Departments.	(A) *Richmond Lt. & R.R. Co.	(B) †N. Y. & Richmond Gas Co.	Total.	Consumption. (B) Cubic Feet.
Public Buildings	$1,032 41	.....	$1,032 41	.....
Education	1,228 36	$262 96	1,491 32	350,600
Docks and Ferries	2,346 58	.....	2,346 58	.....
Street Cleaning	144 28	.....	144 28	.....
Total	$4,751 63	$262 96	$5,014 59	350,600

*5 cents per horsepower hour. †75 cents per 1,000 cubic feet.

Total Cost of Power to Public Buildings in the Borough of Richmond, During the Year 1910.

Electricity	$4,751 63
Gas	262 96
Total	$5,014 59

SCHEDULE 21a.

Bureau of Lamps and Lighting.

Summary of Public Building Lighting and Power.
1910.

Public Building Lighting.

	Manhattan and Bronx.	Brooklyn.	Queens.	Richmond.	Totals.
Electricity	$434,775 83	$129,462 86	$19,153 35	$38,487 74	$621,879 78
Gas	179,575 11	56,624 27	13,163 81	1,861 36	251,224 55
Totals	$614,350 94	$186,087 13	$32,317 16	$40,349 10	$873,104 33

Public Building Heat and Power.

	Manhattan and Bronx.	Brooklyn.	Queens.	Richmond.	Totals.
Electricity	$21,290 38	$18,294 15	$1,688 20	$4,751 63	$46,024 36
Steam	19,842 89	.....	.....	.....	19,842 89
Gas	.....	5,543 95	409 54	262 96	6,216 45
Totals	$41,133 27	$23,838 10	$2,097 74	$5,014 59	$72,083 70

High Pressure Fire Service, Electric.

	Stand by Charge.	Power Charge.	Total.
Manhattan	$78,000 00	$12,334 50	$90,334 50
Brooklyn	43,920 00	1,291 50	45,211 50
Totals	$121,920 00	$13,625 00	$135,546 00

Summary—All Boroughs.

	Lighting.	Power.	Heating.	High Pressure Fire Service.
Electricity	$621,879 78	$46,024 36	.....	$135,546 00
Gas	251,224 55	6,216 45	.....	.....
Steam	.....	.....	$19,842 89	.....
	$873,104 33	$52,240 81	$19,842 89	$135,546 00

Grand Total, Light, Heat and Power..... $1,080,734 03

September 5, 1911.

Report on Lighting Public Buildings with Gas and Electricity.
Boroughs of Manhattan, The Bronx and Brooklyn.

The general work consisted of reviewing and revising specifications submitted to this Department, as to the illumination of various buildings; drawing up specifications and plans in order to recommend to other Departments the lighting, or improvement of the lighting, of various buildings. During the year, a total of 562 plans and specifications was passed by this Bureau, of which 210 were made up by the Bureau.

More important items than this were plans in connection with Bellevue & Allied Hospitals, City Farm Colony and the proposed Sea View Hospital, Metropolitan Hospital, with its infirmaries, and general work on Blackwells, Randalls and Harts Islands.

The lighting of Docks and Ferries was assigned to us this year for the first time. The Board of Estimate and Apportionment, in February, ordered this Department to approve plans and specifications for all electric light and power equipment required by other Departments before same were advertised. This entailed a large increase in our work without any immediate addition to our force.

Attached are given three (3) tables for the Boroughs of Manhattan and The Bronx, Table A, B, and C.

Table A is a comparative statement of the number of 50 watt electric and open flame burner gas, equivalent service, during the years 1909-1910.

Table B shows the number of inspections made of Public Buildings by the inspectors assigned to Manhattan and The Bronx, during the year 1910.

Table C shows the gas regulators furnished by the City and maintained in Public Buildings with service in connection with gas pipes and burners, all for the purpose of economizing gas and making minor repairs to the equipment.

In the Borough of Brooklyn, on December 31, 1910, there were 524 buildings lighted by gas and electricity, and twenty-four (24) buildings in the course of construction. I would state that the increased number of Public Buildings and increased work in the Borough of The Bronx is equal to the Borough of Broklyn.

A table is attached showing the total number of lamps of all kinds, estimated increases and increase in percentages for the year; also gives special figures in regard to buildings for consumption, as counted together, in order to obtain a reduced rate. It further gives a table of the number of gas regulators in commission in the Borough.

TABLE A.

The following table is a comparative statement of the number of 50 watt electric and 5-foot open flame burner gas equivalents in service during the years 1909 and 1910, in the public buildings under the supervision of the Bureau of Lamps and Lighting, Boroughs of Manhattan and The Bronx, together with the per cent. of increase or decrease in 1910:

Department.	50 Watt Equivalents. 1909.	50 Watt Equivalents. 1910.	Per Cent. of Decrease 1910.	Per Cent. of Increase 1910.	Five Foot Open Flame Burner Equivalents. 1909.	Five Foot Open Flame Burner Equivalents. 1910.	Per Cent. of Decrease 1910.	Per Cent. of Increase 1910.
Armories	14,062	15,247	.....	8.4	9,382	9,337	.5	.....
Bellevue and Allied Hospitals.....	8,455	8,754	.....	.3	2,842	2,993	.....	.6
Bridges	6,657	6,981..	.....	.5	107	107	.....	.....
Charities	6,143	10,923	.....	77.8	8,072	8,181	.....	13.
College City of New York.....	8,043	8,096	.....	.6	390	468	.....	16.7
Correction	4,460	6,904	.....	54.8	1,987	1,927	3.1	.....
Docks and Ferries.....	.....	2,269	.....	100.	.....	.....	.....	.....
Education	143,239	160,638	.....	12.1	95,020	99,696	.....	.5
Fire	4,451	5,061	.....	13.9	5,504	5,427	1.3	.....
Health	4,051	4,608	.....	24.9	1,966	2,058	.....	4.7
Normal College	577	533	7.6	.....	738	620	15.9	.....
Parks	2,058	2,810	.....	36.6	544	573	.....	5.3
Police	2,821	5,727	.....	102.1	5,021	5,537	.....	10.3
Public Buildings and Offices.....	19,405	21,712	.....	11.9	8,940	8,684	2.9	.....
Sheriff's Office	.....	.....	.....	.....	101	101	.....	.....
Street Cleaning Department.....	818	912	.....	11.4	1,456	1,473	.....	1.2
Tenement House Department.....	852	1,023	.....	20.1	.....	.....	.....	.....
Water Supply, Gas and Electricity.....	468	512	.....	9.4	956	1,108	.....	14.9

TABLE B.

The following table shows the number of inspections made of the public buildings in Manhattan and The Bronx by the inspectors of the Bureau of Lamps and Lighting during the year 1910:

	Day Inspections.	Night Inspections.	Total.
January	532	165	697
February	551	103	654
March	638	127	765
April	672	159	831
May	621	128	749
June	621	166	787
July	659	1	660
August	499	..	499
September	711	72	783
October	664	159	823
November	488	93	581
December	453	89	542
Total	7,109	1,262	8,371

TABLE C.

Gas regulators on rental and maintained in public buildings and service given in connection with gas pipes and burners, together with memorandum of work done under contract for the Boroughs of Manhattan and The Bronx, by the Gas Consumers' Association, under the supervision of this Department.

Rental Account—January 1, 1910.

Machines on rental.....		621
Attached during the year.....	40	
Removed during the year.....	22	
		18
On rental, December 31, 1910.....		639
Inspections made		7,641
Defects found and remedied by us.....		477
Complaints from Department attended to by us.....		361
Cases requiring pumping or cutting out of stoppages.....		140
Regulators changed		32
New burners put on.....		6,358
Record pressure gauge tests made.....		15
		Cubic Feet.
Gas passed by regulators.....		184,667,900
Average saving effected, 16 per cent.....		35,174,832
Value of gas saved at 75 cents per 1,000 feet.....		$26,381 12
Rental cost of regulators and service.....		8,006 47
Net saving		$18,374 65

On account of the increase in consumption of gas used for fuel purposes and the further increase in pressure on account of mantle lights, the estimated saving is reduced to 16 per cent., as against 17 per cent. for 1909.

Maintenance Account—January 1, 1910.

Gas regulators owned by the City maintained by us and our service given in connection therewith	19
Discontinued during the year	3
In commission December 31, 1910	16
Inspections made	214
Defects found and remedied by us	2
Complaints from Department attended to by us	3
New burners put on	109
Gas passed by the regulators, cubic feet.....	14,370,900
Estimated saving effected, 10 per cent., cubic feet.....	1,596,760
Value of gas saved at 75 cents per 1,000 feet.....	$1,197 57
Cost of maintenance	253 00
Net saving	$944 57

BOROUGH OF BROOKLYN.

Statement showing installation equivalent to 50 watt electric lamps in buildings of the various departments on December 31, 1910; increased installation contemplated up to December 31, 1911; estimated installation December 31, 1911, and percentage increase:

Department.	Installation Dec. 31, 1910.	Proposed Increase.	Estimated Installation Dec. 31, 1911.	Percentage Increase.
Armories	10,258	118	10,376	1.1
Bridges	28	..	28	..
Charities	1,948	4,128	6,076	211.3
Correction	661	710	1,371	107.4
Docks and Ferries.....	594	392	986	66.0
Education	102,849	6,842	109,691	6.6
Fire	1,329	397	1,726	29.8
Health	1,811	890	2,701	43.6
Parks	807	376	1,183	46.6
Police	1,223	1,232	2,455	100.7
Public Buildings	8,631	566	9,197	6.6
Street Cleaning	958	134	1,092	14.0
Water Sup., Gas and Elec.	803	735	1,538	91.5
	131,900	16,520	148,420	12.52

Statement showing installation of gas burners in buildings of the various departments on December 31, 1910; increased installation contemplated up to December 31, 1911; estimated installation December 31, 1911, and percentage increase:

Department.	Installation Dec. 31, 1910.	Proposed Increase.	Estimated Installation Dec. 31, 1911.	Percentage Increase.
Armories	15,245	..	15,245	..
Bridges	71	..	71	..

Department.	Installation Dec. 31, 1910.	Proposed Increase.	Estimated Installation Dec. 31, 1911.	Percentage Increase.
Charities	2,810	714	3,524	25.4
Correction	260	..	260	..
Education	65,798	3,699	69,497	5.6
Fire	2,672	111	2,783	4.1
Health	1,757	308	2,065	17.5
Parks	490	11	501	2.2
Police	3,239	367	3,606	11.3
Public Buildings	3,664	209	3,973	5.7
Street Cleaning	475	..	475	..
Water Sup., Gas and Elec.	674	..	674	..
	97,155	5,419	102,574	5.57

Statement of current consumed in buildings known as "Segregated Buildings": Edison Electric Illuminating Company.

	Total Light K.W.	Net Light K.W.	Net Power K.W.
Borough Hall	209,702.6	..	..
Hall of Records	..	..	..
Municipal Building	209,702.6	201,339.5	70,275.3
Kings County Court House	..	..	..
Borough Hall Comfort Station	..	..	..

Deduction of 8,363.1 K.W. for free lighting, i. e., March 16 to September 30, inclusive, 19.85 K.W. per day; October 1 to December 31, inclusive, 47.97 K.W. per day.

Rate—First 50,000 K.W. yearly, 6c.; second 50,000 K.W. yearly, 5c. Over 100,000 K.W. yearly, 4c.; maintenance, 1c. per K.W.

Flatbush Gas Company.

	Lighting.	Estimated.	Rate.
Kingston Avenue Hospital—			
March	2,684.6	..	7c
April	5,283.0	..	7c
May	..	3,467.5	7c
June	..	3,467.5	7c
July	..	3,467.5	7c
August	13,870.0	3,467.5	7c
September	3,026.0	..	7c
October	3,426.0	..	7c
November	2,907.8	..	7c
December	3,396.3	..	7c

Rate—1 to 1,200 K.W. per month, 10c. per K.W.; 1,200 to 2,000 K.W. per month, 8c. per K.W.; 2,000 to 5,000 K.W. per month, 7c. per K.W.; 5,000 to 7,500 K.W. per month, 6½c. per K.W.; 7,500 to 10,000 K.W. per month, 6c.

Statement of gas regulators in commission under contract with Gas Consumers' Association in the Borough of Brooklyn, and report of work done by them in 1910:

January 1, 1910, machines on rental		209
Attached during the year	14	
Removed during the year	5	
		9
On rental December 31, 1910		218
Inspections made		2,559
Defects found and remedied		132
Complaints from Department attended to		38
Cases requiring pumping or cutting out of stoppages		23
Regulators changed		5
New burners put on		2,982
Gas passed by regulators, cubic feet		53,308,600

SCHEDULE 22.

Bureau of Lamps and Lighting—Boroughs of Manhattan and The Bronx, 1910.

Report of Employees and Salary Costs—

Appropriations 499, 500, 502, 503—

Chief Engineer	1	.....
Engineers	2	$12,301 01
Chief Gas Inspector	1	3,000 00
Gas Inspectors	12	14,180 65
Inspectors	44	60,297 31
Draftsman	5	6,000 00
Clerks	16	17,640 07
Stenographers and Typewriters	8	8,312 90
Lighters of Markets	3	600 00
Automobile Engineman	1	1,500 00
Cleaner	1	360 00
	94	$124,191 94

Bureau Expenses for Testing, Inspections, Office Furniture and Supplies, Transportation Expenses for Inspections, Telephones and Contingencies		$16,174 51
Gas Regulator Rentals, Inspections, etc.		9,019 49
		$25,184 00

Borough of Brooklyn.

Report of Employees and Salary Costs—

Appropriations 517 and 518—

Inspectors	18	$21,974 39
Clerks	3	3,949 28
Stenographers and Typewriters	2	2,250 00
		$28,173 67
Bureau Expenses for Office Supplies and Furniture, Apparatus, Horses, Telephones and Contingencies		$1,006 34
Rental of Gas Regulators and Inspections		2,461 38
Total for year		$3,467 72

SCHEDULE 23.

Bureau of Lamps and Lighting, 1910—Borough of Queens.

Report of Employees and Salary Costs—

Appropriation No. 531—

Assistant Engineer	1	$2,250 00
Inspectors	7	8,286 66
Clerks	2	2,400 00
Stenographer and Typewriter	1	900 00
		$13,836 66
Bureau Expenses for Office Supplies, Furniture, Automobile and Wagon Hire for Inspections, Telephones, Contingencies, etc.		$5,156 32
Rental of Gas Regulators, Inspections, etc.		410 29
		$5,566 61

Borough of Richmond.

Report of Employees and Salary Costs—

Appropriation No. 543—

Inspectors	8	$9,765 13
Clerks	2	559 53
Stenographer and Typewriter	1	683 87
		$11,008 53
Bureau Expenses for Supplies, Furniture, Transportation Expenses of Inspections, Telephones, Contingencies, etc.		$1,920 31
Rental of Gas Regulators		75.84
		$1,996 15

SCHEDULE 24.

Bureau of Electrical Inspection.

Boroughs of Manhattan and The Bronx, 1910.

Report of Employees and Salary Costs—

Appropriation 556—

Inspectors	23	$32,815 68
Clerks	9	8,354 52
Stenographers and Typewriters	3	2,802 19
Assistant Batteryman	1	1,095 50
Wiremen	2	2,191 00
		$47,258 89
Bureau Expenses for Supplies, Furniture, Transportation Expenses, Telephone and Contingencies		$5,719 42

Borough of Brooklyn.

Appropriation 562—

Inspectors	14	$17,424 79
Clerks	5	3,634 24
Stenographer and Typewriter	1	1,200 00
		$22,259 03
Bureau Expenses for Supplies, Furniture, Transportation Expenses, Telephones and Contingencies		$1,524 51

Borough of Queens.

Appropriation 568—

Inspectors	10	$13,400 91
Clerks	3	2,238 59
Lineman	1	1,252 00
Stenographer and Typewriter	1	866 12
		$17,757 62
Bureau Expenses for Supplies, Furniture, Transportation Expenses, Telephones and Contingencies		$2,787 30

SCHEDULE 25.

Bureaus of Lamps and Lighting, and Electrical Inspection.

All Boroughs, 1910.

Summary of Employees and Salary Costs.

	Bureau of Lamps and Lighting.					Bureau of Electrical Inspection.					
	Manhattan and Bronx.	Brooklyn.	Queens.	Richmond.	Total.	Manhattan and Bronx.	Brooklyn.	Queens.	Richmond.	Total.	Grand Total.
Chief Engineer	1	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Assistant Chief Engineer	1	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Electrical Engineer	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1
Assistant Engineer	.....	.....	1	.....	1	.....	.....	.....	.....	.....	1
Chief Gas Inspector	1	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Gas Inspectors	12	.....	.....	.....	12	.....	.....	.....	.....	.....	12
Inspectors	44	19	7	4	73	23	14	10	4	51	124
Draftsmen	5	.....	.....	.....	5	.....	.....	.....	.....	.....	5
Clerks	16	3	2	1	22	9	5	3	1	18	40
Stenographers and Typewriters	8	2	1	1	12	3	1	1	.....	5	17
Lineman	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1
Wiremen	.....	.....	.....	.....	.....	2	.....	.....	.....	2	2
Asst. Batteryman	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1
Auto. Engineman	1	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Lighters of Markets	3	.....	.....	.....	3	.....	.....	.....	.....	.....	3
Cleaner	1	.....	.....	.....	1	.....	.....	.....	.....	.....	1
	93	23	10	6	133	39	20	15	5	79	212

Costs: Bureau of Lamps and Lighting—Manhattan and Bronx $124,191.94; Brooklyn, $28,173.67; Queens, $13,836.66; Richmond, $6,841.72; total, $173,044.06.
Costs: Bureau of Electrical Inspection—Manhattan and Bronx, $47,258.89; Brooklyn, $22,259.03; Queens, $17,757.62; Richmond, $4,166.74; total, $91,442.28.
Total Lamps and Lighting and Electrical Inspection Salaries, $264,486.34.

SCHEDULE 26.

Bureaus of Lamps and Lighting and Electrical Inspection, All Boroughs, 1910.
Summary of Bureau Expenses.

Lamps and Lighting.		Electrical Inspection.	
Manhattan and Bronx....	$25,184 00	Manhattan and Bronx....	$5,719 42
Brooklyn	3,467 72	Brooklyn	1,524 51
Queens	5,566 61	Queens	2,787 30
Richmond	1,996 15	Richmond, included in Lamps and Lighting....	.....
	$36,214 48		$10,031 23
		Grand total.....	$46,245 71

SCHEDULE 27.

General Summary, All Accounts, for All Boroughs.
Bureaus of Lamps and Lighting and Electrical Inspection.

	Manhattan and The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
Street Lighting..	$1,379,851 39	$1,039,053 11	$426,095 68	$187,590 91	$3,032,591 09
Lampposts	.....	5,047 00	.....	.....	5,047 00
Public Buildings—					
Lighting	614,350 94	186,087 13	32,317 16	40,499 10	873,254 33
Heat and power	41,133 27	23,838 10	2,097 74	5,014 59	72,083 70
High pressure fire service	90,334 50	45,211 50	.....	.....	135,546 00
Bureau expenses.	30,913 42	5,992 23	8,353 91	1,996 15	47,255 71
Salaries	172,450 83	50,432 70	31,594 28	11,008 53	265,486 34
Totals	$2,329,034 35	$1,355,661 77	$500,458 77	$246,109 28	$4,431,264 17

SCHEDULE 28.

Candle Power Tests—Averages for the Years 1906 to 1910.

Gas Company.	1906.	1907.	1908.	1909.	1910.
Consolidated Branch 1.....	23.27	22.94	22.91	22.83	22.40
Consolidated Branch 2.....	22.69	22.88	22.96	22.85	22.41
Consolidated Branch 3.....	23.81	23.04	22.91	22.87	22.54
Consolidated Branch 4.....	23.51	23.00	22.88	22.72	22.50
Consolidated Branch 6.....	24.05	23.52	22.83	22.69	22.55
New York Mutual.....	23.30	23.47	23.72	23.25	23.33
New Amsterdam	23.91	23.00	23.06	22.82	22.70
Standard	23.73	23.01	22.65	22.69	22.67
Brooklyn Union, Williamsburg.....	23.51	22.77	22.95	22.37	22.31
Brooklyn Union, Nassau.....	23.22	22.81	22.77	22.44	22.31
Brooklyn Union, Fulton.....	25.01	23.79	23.80	23.85	22.82
Brooklyn Union, Citizens'.....	24.44	23.45	23.66	23.45	23.26
Brooklyn Union, Metropolitan.....	23.65	24.25	23.41	23.00	22.48
New York and Richmond.....	23.36	23.08	22.99	22.88	22.60
Kings County Lighting.....	22.12	22.57	23.06	22.62	22.30
Queens Borough Gas and Electric..	24.08	23.83	23.22	23.12	24.17
New York and Queens.....	.....	23.68	23.82	23.36	23.81
Central Union	.....	22.98	22.65	22.87	22.78
Bronx Gas and Electric.....	.....	24.38	24.01	23.55	23.48
Brooklyn Borough	.....	.....	21.76	22.04	21.28
Averages	23.65	23.29	23.10	22.91	22.74

SCHEDULE 29.

Bureau of Lamps and Lighting—Office of Chief Gas Examiner.

Gas Company.	Report on Gas Tests, etc.: C. P. Tests for Year. Averages.	C. P. Tests for Year. Violations.	Specific Gravity Tests. Yearly Averages.	Pressure Tests. Place at which Pressure was taken.	Pressure Tests. For Year. Maximum.	Pressure Tests. For Year. Minimum.	Sulphur and Ammonia Tests Averages for Year. Grains in Sulphur.	Sulphur and Ammonia Tests Averages for Year. 100 cu. ft. Ammonia.
Consolidated Branch 1	22.40	7	.658	Grand st., cor. Bowery, Manhattan.....	2.55	2.20	6.66	.04
Consolidated Branch 2	22.41	10	.654	Grand st., cor. Bowery, Manhattan	2.62	1.84	7.48	.05
Consolidated Branch 3	22.54	12	.578	Grand st., cor. Bowery, Manhattan	2.67	2.09	6.92	.08
Consolidated Branch 3	.....	....	.....	79th st., cor. 3d ave., Manhattan	.....	.....	.....	.....
Consolidated Branch 4	22.50	11	.568	79th st., cor. 3d ave., Manhatan	2.80	2.38	17.82	.09
Consolidated Branch 6	22.55	16	.588	79th st., cor. 3d ave., Manhattan	2.62	2.04	16.53	.06
New York Mutual	23.33	1	.661	Grand st., cor. Bowery, Manhattan	2.62	2.02	7.06	.02
New Amsterdam	22.70	9	.560	Grand st., cor. Bowery, Manhattan	2.94	2.18	13.28	.03
New Amsterdam	.....	....	.....	79th st., cor. 3d ave., Manhattan	2.90	2.38	.....	.....
Standard	22.67	10	.563	79th st., cor. 3d ave., Manhattan	2.66	2.01	19.97	.05
Brooklyn Union, Williamsburgh	22.31	74	.666	Rodney st., cor Lee ave., Brooklyn.....	4.32	2.42	6.14	.21
Brooklyn Union, Nassau	22.31	76	.665	Rodney st., cor. Lee ave., Brooklyn	4.46	2.49	6.02	.20
Brooklyn Union, Fulton	22.82	62	.678	Court st., cor. Atlantic ave., Brooklyn.....	3.54	2.60	4.02	.22
Brooklyn Union, Citizens'	23.26	41	.680	Court st., cor. Atlantic ave., Brooklyn	4.30	2.53	4.15	.20
Brooklyn Union, Metropolitan	22.48	77	.673	6th ave., near Union st., Brooklyn	4.16	2.16	7.47	.11
New York and Richmond	22.60	53	.656	407 Rich. Ter., New Brighton, S. I.	4.93	2.27	6.92	.....
Kings County Lighting	22.30	15	.654	5912 New Utrecht ave., Brooklyn.....	5.58	1.87	6.07	.14
Queens Borough Gas and Electric.....	24.17	26	.679	6 North Fairview ave., Hammels.....	4.41	2.35	8.80	.56
New York and Queens	23.81	17	.708	Cor. Madison and Boerum aves., Flushing..	4.64	3.21	9.83	.21
Central Union	22.78	16	.598	148th st. and 3d ave., Bronx	2.04	1.74	8.17	.46
Bronx Gas and Electric	23.48	3	.649	49 Morris Park ave., The Bronx.....	2.84	1.51	3.76	.32
Brooklyn Borough	21.28	178	.659	1784 Shore road, Sheepshead Bay.....	6.59	2.71	....	....

TABLE 1.

Street Lighting Division, All Boroughs.
Showing Changes in Number of Lamps During Year 1910 by Types of Lamps.

Borough.	Kind of Lamp.	No. of Lamps Jan. 1, 1910.	New Lamps Lighted.	Lamps Re-lighted.	Lamps Discontinued.	No. of Lamps Dec. 31, 1910.	Average No. of Lamps Burning During Year.
Electric—							
Manhattan	Arc	5,146	381	157	198	5,486	5,245
The Bronx	Arc	2,533	271	807	897	2,714	2,535
Brooklyn	Arc	5,361	493	181	222	5,813	5,496
Queens	Arc	2,262	125	203	427	2,163	2,219
Richmond	Arc	726	31	....	....	757	733
Total Arc		16,028	1,301	1,348	1,787	16,933	16,228
Manhattan	Incandescent	2,278	58	7	9	2,329	2,291
The Bronx	Incandescent	1,422	374	5	6	1,795	1,511
Brooklyn	Incandescent	94	558	....	....	652	196
Queens	Incandescent	2,469	1,425	102	227	3,769	2,990
Richmond	Incandescent	3,839	42	....	....	3,881	3,844
Total Incandescent		10,102	2,452	114	242	12,426	10,832
Gas—							
Manhattan	Mantle	13,968	54	665	922	13,765	13,941
The Bronx	Mantle	6,477	136	303	339	6,577	6,524
Brooklyn	Mantle	18,779	773	453	1,274	18,731	18,834
Queens	Mantle	4,846	424	284	383	5,171	4,975
Richmond	Mantle	239	....	....	....	239	239
Total Mantle Gas		44,309	1,387	1,705	2,918	44,483	44,513
Manhattan	Open Flame	38	....	2	33	7	24
The Bronx	Open Frame	46	....	3	43	6	23
Brooklyn	Open Frame	2	....	....	....	2	2
Total Open Flame Gas.....		86	....	5	76	15	49
Naptha—							
Manhattan	Mantle	154	13	....	35	132	133
The Bronx	Mantle	1,310	75	43	161	1,267	1,291
Brooklyn	Mantle	604	....	....	214	390	588
Queens	Mantle	2	....	....	....	2	2
Total Mantle Naphtha.....		2,070	88	43	410	1,791	2,014
Brooklyn	Open Flame	12	....	....	....	12	12
Total Open Flame Naphtha..		12	....	....	....	12	12

In addition to the above, there were 204 free lamps. See borough tables.

TABLE 2.

Resume, Showing Changes in the Number of Lamps During the Year 1910 in the Greater City.

Kind of Lighting and Style of Lamp.	No. of Lamps January 1, 1910.	New Lamps Lighted	Lamps Re-lighted.	Lamps Discontinued.	No. of Lamps December 31, 1910.	Average No. of Lamps Burning During Year.
Electric—						
Arc	16,028	1,301	1,348	1,787	16,933	16,228
Incandescent ..	10,102	2,452	114	242	12,426	10,832
Total electric...	26,130	3,753	1,462	2,029	29,359*	27,060
Gas—						
Mantle	44,309	1,387	1,705	2,918	44,483	44,513
Open Flame....	86	.....	5	76	15	49
Total gas.....	44,395	1,387	1,710	2,994	44,498	44,562
Naptha—						
Mantle	2,070	88	43	410	1,791	2,014
Open Flame....	12	.....	.....	.....	12	12
Total Naphtha.	2,082	88	43	410	1,803	2,026
Grand total....	72,607	5,228	3,215	5,433	75,660	73,648

*In addition to the above, there are 204 free lamps.

TABLE 3.

Showing Number and Kind of Lamps, Estimated Candle Power, and Population at the End of Years 1909 and 1910 by Boroughs.

End of Year.	Electric. Arc.	Electric. Incan.	Gas.	Naphtha.	Total.	Population.	Estimated Candle Power.
			Manhattan.				
1909.....	5,169	2,278	14,006	154	21,607	2,386,036	4,289,791
1910.....	5,509	2,329	13,772	132	21,742	2,365,161	4,494,909
			The Bronx.				
1909.....	2,542	1,422	6,523	1,310	11,797	358,785	1,838,412
1910.....	2,723	1,795	6,583	1,267	12,368	460,879	2,075,712
			Brooklyn.				
1909.....	5,475	94	18,781	616	24,966	1,562,903	4,589,288
1910.....	5,931	652	18,733	402	25,718	1,678,776	4,901,398
			Queens.				
1909.....	2,288	2,492	4,846	2	9,628	251,375	1,663,300
1910.....	2,189	3,792	5,171	2	11,154	299,278	1,741,850

End of Year.	Electric. Arc.	Incan.	Gas.	Naphtha.	Total.	Population.	Estimated Candle Power.
			Richmond.				
1909.....	731	3,839	239	.....	4,809	78,630	646,730
1910.....	762	3,881	239	.....	4,882	88,064	666,300
			Greater New York.				
1909.....	16,205	10,125	44,395	2,082	72,807	4,637,729	13,027,521
1910.....	17,114	12,449	44,498	1,803	75,864	4,982,158	13,880,169

Note: Free lamps are included. Similar figures for the years 1901 to 1907, inclusive, will be found in Table "S" of the report for 1908.

TABLE 4.

Showing Number of Bridge Lamps in Use December 31, 1910.

Bridge.	Length in Feet.	Electric. Arc.	Incan.	Gas. Mantle.	O. F.
City Lamps on Street Service—					
Central Bridge	2,540	26	4	..	..
City Island Bridge.....	1,675	16	4	..	..
High Bridge	1,400	..	..	24	..
Madison Avenue Bridge.....	1,800	26	4	..	..
Pelham Bridge	1,900	15	..	..	..
Putnam R. R. Bridge.....	1,000	..	..	1	9
Second Avenue Bridge.....	700	1	..	..	..
Ship Canal Bridge.....	546	3	..	..	..
University Heights Bridge.....	1,085	14	3	..	..
Washington Bridge	2,399	11	..	..	..
145th Street Bridge.....	1,603	22	6	..	..
Total	16,648	134	21	25	9
City Lamps Isolated Plant Service—					
Third Avenue Bridge.....	2,250	25	..	..	..
Willis Avenue Bridge	2,507	35	..	..	..
Total	4,757	60	..	..	..
City Lamps on Meter Basis—					
Brooklyn Bridge	6,016	62	..	..	..
Manhattan Bridge	6,854	80	6	..	..
Queensboro Bridge	7,364	73	464	..	..
Vernon Avenue Newtown Creek Bridge....	1,699	..	14*	..	..
Williamsburg Bridge	7,325	196	..	..	..
Total	29,258	411	484	..	..

Bridge.	Length in Feet.	Electric. Arc.	Incan.	Gas. Mantle.	O. F.
Private Lamps Supplied Free of Charge—					
Second Avenue Bridge.....	Above	..	37*	..	..
Ship Canal Bridge	Above	..	80*	..	..
Total	.....	..	117	..	..
Total bridge lamps included in regular street lighting	.....	134	21	25	9
Total bridge lamps in addition to regular street lighting	.....	471	601	..	..
Total	.....	605	622	25	9
Grand total, all types					1,261

*16 Candle power.

TABLE 5.

Showing Number of Lamps in Parks, December 31, 1910.

Borough.	No. of Parks Lighted.	Lamps Arc.	Incan.	Gas.	Naphtha.	Total.
Manhattan	35	311	1,966	26	20	2,323
The Bronx	11	12	17	5	582	616
Brooklyn	16	31	523	..	277	831
Queens	3	3	18	..	..	21
Richmond	1	2	..	..	..	2
Total	66	359	2,524	31	879	3,793

TABLE 6.

Showing Number of Outages of All Street Lamps Reported by Inspectors, Police and Lighting Companies, for the Greater City During the Year 1910.

	No. of Men.	Electric Arc.	Incan.	Gas.	Naptha.	Total.
City Inspectors	33	20,747	35,771	22,445	2,222	81,185
Police	2,000	17,558	11,443	15,724	629	45,354
Companies	211	15,976	17,731	.....	.....	33,707
Total reported	.....	54,281	64,945	38,169	2,851	160,246
Duplicates	.....	8,248	8,458	2,146	21	18,873
Total deducted	.....	46,033	56,487	36,023	2,830	141,373

TABLE 7.

Showing Type and Equipment of Public Electrict Lamps in all Boroughs December 31, 1910.

ARC LAMPS.

Borough and Company.	Watts.	Tension. Low. A. C.	Low. D. C.	High. A. C.	High. D. C.	Conductors. Underground.	Conductors. Overhead.	Company Fixtures. Posts. Iron Base.	Company Fixtures. Posts. Wood.	Company Fixtures. Posts. Iron.	Company Fixtures. Bkts.	City Fixtures. Posts. Wood.	City Fixtures. Posts. Iron.	City Fixtures. Posts. Spec.	City Fixtures. Bkts.
Manhattan.															
	Flame	....	20	....	....	20	....	5	....	9	....	....	....	....	....
	.....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....
N. Y. Edison Company.....	325	....	22	....	....	22	....	....	....	....	....	....	18	4	....
	450	....	4913	45	....	4913	45	613	....	4289	45	....	7	4	....
	.....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....
United Elec. Light & Power Co....	.....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....
	450	509	....	....	....	509	....	14	....	424	3	....	56	....	12
The Bronx.															
	.....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....
N. Y. Edison Company.....	450	29	....	1662	....	214	1477	....	1461	183	8	....	39	....	....
	.....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....
	.....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....
Westchester Lighting Co.....	450	....	....	296	....	16	280	....	280	....	....	....	16	....	....
Bronx Gas & Electric Co.....	450	....	....	736	....	.....	736	....	736	....	....	....	....	....	....
Brooklyn.															
	325	2	180	....	....	182	....	....	....	180	2	....	....	....	....
Edison Elec. Ill. Co. of Brooklyn....	450	68	2479	41	2322	2100	2810	....	3024	1851	....	....	20	....	15
	.....	....	....	....	....	.....	....	....	....	....	....	....	....	....	....
Flatbush Gas Company.....	450	....	....	839	....	295	544	....	544	295	....	....	....	....	....
Queens.															
N. Y. & Queens El. & P. Co.....	450	31	....	1975	....	31	1975	....	1973	....	2	....	31	....	....
Queens Borough G. & E. Co.....	450	....	....	183	....	.....	183	....	183	....	....	....	....	....	....
Richmond.															
Richmond Lt & R. R. Co.....	450	....	....	762	....	.....	762	....	762	....	....	....	....	....	....
Total, all Companies.....	.....	639	7614	6539	2322	8302	8812	632	8963	7231	60	....	187	8	27
Total by Boroughs.															
Manhattan	.....	509	4955	45	....	5464	45	632	....	4722	48	....	81	8	12
The Bronx	.....	29	....	2694	....	230	2493	....	2477	183	8	....	55	....	....
Brooklyn	.....	70	2659	880	2322	2577	3354	....	3568	2326	2	....	20	....	15
Queens	.....	31	....	2158	....	31	2158	....	2156	....	2	....	31	....	....
Richmond	.....	....	....	762	....	.....	762	....	762	....	....	....	....	....	....

INCANDESCENT LAMPS.

Borough and Company.	Watts.	Tension. Low. A. C.	Low. D. C.	High. A. C.	High. D. C.	Conductors. Underground.	Conductors. Overhead.	Company Fixtures. Posts. Wood.	Company Fixtures. Posts. Iron.	Company Fixtures. Bkts.	City Fixtures. Posts. Wood.	City Fixtures. Posts. Iron.	City Fixtures. Posts. Spec.	City Fixtures. Bkts.
Manhattan.														
	53- 67	....	30	....	....	30	....	....	....	....	....	....	30	....
	69- 81	....	....	59	....	.....	59	....	....	....	59	....	....	....
N. Y. Edison Company.....	78- 92	148	1976	....	....	2124	....	....	....	90	....	2019	9	6
	90-100	....	16	....	....	16	....	....	....	....	....	....	16	....
	53- 67	34	....	....	....	34	....	....	....	....	....	....	34	....
United Elec. Light & Power Co.....	78- 92	59	....	....	....	59	....	....	3	3	....	51	2	....
	90-100	7	....	....	....	7	....	....	....	....	....	....	7	....
The Bronx.														
	69- 81	....	....	831	....	2	829	825	....	4	1	....	....	1
N. Y. Edison Company.....	90-100	6	....	....	....	6	....	....	....	2	....	....	....	4
	78- 92	2	....	....	....	2	....	....	....	....	....	....	....	2
	69- 81	....	....	492	....	.....	492	492	....	....	....	....	....	....
Westchester Lighting Co.....	90-100	4	....	....	....	4	....	....	....	....	....	4	....	....
Bronx Gas & Elec. Co.....	69- 81	....	....	460	....	.....	460	460	....	....	....	....	....	....
Brooklyn.														
	69- 81	....	....	....	36	.....	36	36	....	....	....	....	....	....
Edison Elec. Ill. Co. of Brooklyn....	78- 92	60	551	....	....	583	28	28	....	....	....	583	....	....
	53- 67	....	2	....	....	2	....	....	....	....	....	....	2	....

Borough and Company.	INCANDESCENT LAMPS. Watts.	Tension. Low. A. C.	Tension. Low. D. C.	Tension. High. A. C.	Tension. High. D. C.	Conductors. Underground.	Conductors. Overhead.	Company Fixtures. Posts Wood.	Company Fixtures. Posts Iron.	Company Fixtures. Bkts.	City Fixtures. Posts. Wood.	City Fixtures. Posts. Iron.	City Fixtures. Posts. Spec.	City Fixtures. Bkts.
Flatbush Gas Company	69- 81	....	....	5	....	.....	5	5	....	....	....	....	....	....
Queens.														
N. Y. & Queens El. & P. Co.	69- 81	24	....	3207	....	24	3207	3207	....	....	....	24	....	....
Queens Borough G. & E. Co.	69- 81	....	....	561	....	.....	561	561	....	....	....	....	....	....
Richmond.														
Richmond Lt. & R. R. Co.	75- 85	....	....	3881	....	.....	3881	3881	....	....	....	....	....	....
Total, all Companies	.....	344	2575	9496	36	2893	9558	9495	3	99	60	2681	100	13
Total by Boroughs.														
Manhattan	.....	248	2022	59	....	2270	59	....	3	93	59	2070	98	6
The Bronx	.....	12	....	1783	....	14	1781	1777	....	6	1	4	....	7
Brooklyn	.....	60	553	5	36	585	69	69	....	....	....	583	2	....
Queens	.....	24	....	3768	....	24	3768	3768	....	....	....	24	....	....
Richmond	.....	....	....	3881	....	.....	3881	3881	....	....	....	....	....	....

TABLE 8.

Showing Length of Mains in Use by the Various Gas Companies in the Greater City During the Year 1910.

Borough.	In Use Jan. 1, 1910. Miles.	In Use Jan. 1, 1910. Feet.	New Mains Laid. Miles.	New Mains Laid. Feet.	Mains Disused. Miles.	Mains Disused. Feet.	Mains Taken Up. Miles.	Mains Taken Up. Feet.	In Use Dec. 31, 1910. Miles.	In Use Dec. 31, 1910. Feet.
Manhattan	1,406	4,185	10	1,296	2	2,664	3	3,104	1,410	4,993
The Bronx	369	3,269	26	207	1	3,541	7	3,491	388	1,724
Brooklyn	1,195	247	42	1,967	1	3,469	3	2,463	1,232	1,562
Queens	438	4,828	34	777	1	779	1	3,189	470	1,637
Richmond	88	2,916	6	1,582	..	....	..	3,440	94	1,058
Grand Total	3,498	4,885	119	549	6	5,173	16	5,127	3,596	414

TABLE 9.

Showing Mileage of Streets Lighted by Electric, Gas and Naptha Lamps in Manhattan and The Bronx During the Year 1910.

Borough.	Electric. Arc. Miles.	Electric. Arc. Feet.	Electric. Incandescent Miles.	Electric. Incandescent Feet.	Gas. Mantle. Miles.	Gas. Mantle. Feet.	Naptha. Mantle. Miles.	Naptha. Mantle. Feet.	Total. Miles.	Total. Feet.
Manhattan.										
January 1, 1910	208	5,232	2	3,368	235	1,274	2	3,110	449	2,424
Additional during 1910	4	1,320	....	1,000	....	3,999	....	1,950	5	2,989
Discontinued during 1910	....	400	....	....	3	3,190	....	5,200	4	3,510
December 31, 1910	212	872	2	4,368	232	2,083	1	5,140	. 450	1,903
The Bronx.										
January 1, 1910	149	985	40	2,470	141	295	26	3,033	357	1,503
Additional during 1910	5	1,802	4	55	1	5,185	....	....	11	1,762
Discontinued during 1910	....	3,800	....	....	....	4,525	1	535	2	3,580
December 31, 1910	153	4,267	44	2,525	142	955	25	2,498	365	4,965
Total	366	5,139	47	1,613	374	3,038	27	2,358	816	1,588

TABLE No. 10.

Time Table for Lighting and Extinguishing Public Electric, Gas and Naphtha Lamps for the Year 1910.

Date.	Complete Lighting in One Hour. From Time Given.	Complete Extinguishing In 50 Minutes. From Time Given.	Hours Per Night.	Hours Per Week.	Hours Per Month.
January 1	4.15 P.M.	6.27 A.M.	14.15	99.45	
8	4.22	6.22	14.00	98.00	
15	4.32	6.17	13.45	96.15	
22	4.42	6.12	13.30	94.30	
29	4.47	6.07	13.20	93.20	481.50
February 5	4.57	6.02	13.05	91.35	
12	5.07	5.57	12.50	51.20 (4 days)	
16	5.07	5.52	12.45	38.15 (3 days)	
19	5.17	5.47	12.30	50.00 (4 days)	
23	5.17	5.42	12.25	37.15 (3 days)	
26	5.22	5.32	12.10	48.40 (4 days)	317.05
March 2	5.22	5.27	12.05	36.15 (3 days)	
5	5.32	5.17	11.45	82.15	
12	5.42	5.07	11.25	79.55	
19	5.52	4.57	11.05	77.35	
26	5.57	4.47	10.50	75.50	351.50
April 2	6.07	4.37	10.30	42.00 (4 days)	
6	6.07	4.32	10.25	31.15 (3 days)	
9	6.17	4.22	10.05	70.35	
16	6.27	4.17	9.50	29.30 (3 days)	
19	6.27	4.12	9.45	39.00 (4 days)	
23	6.37	4.02	9.25	65.55	
30	6.47	3.52	9.05	63.35	341.50
May 7	6.57	3.42	8.45	35.00 (4 days)	
11	6.57	3.37	8.40	26.00 (3 days)	
14	7.07	3.27	8.20	58.20	
21	7.12	3.22	8.10	57.10	
28	7.12	3.17	8.05	56.35	233.05
June 4	7.17	3.12	7.55	55.25	
11	7.17	3.07	7.50	54.50	
18	7.22	3.07	7.45	54.15	
25	7.27	3.07	7.40	53.40	218.10
July 2	7.22	3.07	7.45	54.15	
9	7.17	3.12	7.55	55.25	
16	7.12	3.17	8.05	56.35	
23	7.07	3.22	8.15	57.45	
30	7.02	3.27	8.25	58.55	282.55
August 6	6.57	3.37	8.40	60.40	
13	6.47	3.47	9.00	63.00	
20	6.37	3.52	9.15	64.45	
27	6.27	3.57	9.30	66.30	254.55
September 3	6.17	4.07	9.50	39.20 (4 days)	
7	6.12	4.07	9.55	29.45 (3 days)	
10	6.02	4.17	10.15	71.45	
17	5.52	4.27	10.35	42.20 (4 days)	
21	5.47	4.27	10.40	32.00 (3 days)	
24	5.37	4.37	11.00	44.00 (4 days)	
28	5.32	4.37	11.05	33.15 (3 days)	292.25
October 1	5.22	4.42	11.20	79.20	
8	5.12	4.52	11.40	58.20 (5 days)	
13	5.07	4.52	11.45	23.30 (2 days)	
15	4.57	5.02	12.05	84.35	
22	4.47	5.07	12.20	86.20	
29	4.37	5.17	12.40	88.40	420.45
November 5	4.27	5.27	13.00	91.00	
12	4.17	5.32	13.15	92.45	
19	4.12	5.42	13.30	94.30	
26	4.07	5.52	13.45	96.15	374.30
December 3	4.02	5.57	13.55	97.25	
10	3.57	6.07	14.10	99.10	
17	3.57	6.17	14.20	100.20	
24	4.02	6.22	14.20	28.40 (2 days)	
26	4.07	6.22	14.15	71.15 (5 days)	
31	4.12	6.27	14.15	14.15 (1 day)	s 411.05
					3,980.25
Deduct, on account of 50 minutes extinguishing time					30.25
Total Number of Hours Burning					3,950

New York, January 1, 1910.

The above time table will show the time for lighting and extinguishing public lamps for the year 1910, all lamps to be lighted within one hour from the time of beginning to light, and extinguished within fifty minutes of the time of beginning to extinguish, excepting series electric lamps which are to be lighted thirty minutes after the time given to begin to light, and extinguished twenty-five minutes after the time given to begin to extinguish.

C. F. LACOMBE, Chief Engineer of Light and Power; HENRY S. THOMPSON, Commissioner.

BUREAU OF WATER REGISTER, MANHATTAN.

March 3, 1911.

Hon. HENRY S. THOMPSON, Commissioner of Water Supply, Gas and Electricity:

Dear Sir—Attached hereto I beg to submit report of all receipts of this Bureau from various sources for the year 1910, and would respectfully refer to the quarterly reports of my predecessor for fuller details of the workings of the office.

The report shows the comparative figures for the years 1908, 1909 and 1910, and attention is draw to the increased receipts over 1909 of $1,589,720.55, while the excess over 1908 amounts to $1.286,405.41.

The satisfactory results for 1910 appear to have resulted largely through heroic efforts in the early part of the year in collecting accrued charges, and unusal promptness in billing and collecting current items.

Various causes led to these improved conditions, such as relief from physical congestion by removal of some old records and rearrangement of the office, which is gradually being equipped with modern steel furniture, insuring better protection for the records of the Bureau and selected with a view as to suitability for the offices in the new Municipal Building.

The raising of the minimum rates for Clerks from $600 to $900 has increased the efficiency of the office to a marked extent, and greatly facilitated the development of the new accounting system for proper checking of records and charges and general control of the Bureau.

The business of the Bureau has been effectively departmentized and a splendid discipline developed, warranting very favorable comparison with private mercantile establishments. The Inspection Division has been rearranged so as to permit of more comprehensive work. The outside Inspectors have all been put in uniform.

The use of Department automobile was dispensed with.

During the last days of the year the 50-foot gasoline launch "Croton" was delivered by the builders and put into service immediately on general patrol duty. Great results are expected from this service, not only in securing evidence of violations, but it would be impossible to estimate the number that will probably be prevented through the fact that the launch will be continually patrolling the harbor.

There is much yet to be done to perfect the system already inaugurated, but there is every reason to hope that the continued, diligent application of the whole force will in the coming months bring the Bureau to an enviably high standard.

Respectfully, BENJAMIN A. KEILEY, Water Registrar.

Statement of the Receipts Collected in This Bureau for Water Rents, Penalties, Taps, Permits, Etc., for Year Ending December 31, 1910.

Frontage Rates—	
Principal	$2,443,045 93
Penalties	33,281 48
Meter Rates	4,782,811 35
Meter Setting and Repair Charges	4,688 56
Shipping Permits	39,407 82
Building Purposes Permits—	
Regular	96,063 68
Extras	18,166 91
Tap Permits	5,798 50
Street Sprinkling	4,400 55
Miscellaneous—	
Labor and Material	8,303 48
Sale of Ashes	30 00
Sale of Old Material	1,723 35
Total Receipts for the Year 1910	$7,437,721 61
Returned to Tax Office—	
1910	$583,109 21
1909	662,965 25
1908	749,688 88
Receipts for 1909	5,848,001 06
Receipts for 1908	6,151,316 20

New York, January 6, 1911.

Hon. HENRY S. THOMPSON, Commissioner, Manhattan:

Dear Sir—I herewith transmit the annual report and review of all transactions in the Bureau of Water Register, Borough of The Bronx, for the year ending December 31, 1910:

In my quarterly report for quarter ending March 31, all the conditions as found by me on March 1 were included therein, especially relating to the inadequate quarters and floor space for the accommodation of the clerical force, and the extra records and ledgers necessary for the installation of the new system in this Bureau. Mention was also made of the request made upon the Borough President for the reconstruction of the partitions, and rearrangement of desks, by which we gained at least 50 per cent. more desk room with the same floor space.

I also called attention to the facts that the Clerks in this Bureau were mostly all in the junior grade, discipline very lax, and the records in their care in a deplorable condition. These conditions have been vastly improved, due in part to the increased compensation which they are now receiving, which has had a tendency to arouse their ambition and improve the quality and quantity of their work.

In the quarterly report of June 30 I made mention of the frontage ledgers being placed under control for the first time in the history of the Bureau, and the amount receivable determined. Since May 1 trial balances have been taken every three months. Preparatory to taking control of these ledgers, which were the old style regular rate ledgers, we were compelled to re-rule each volume and adjust same to conform with the ledgers required under the new system.

Meters.

During the year the meter accounts were all transferred from the old to the new ledgers, balanced, and taken under control. There were 881 permits issued for the installation of new meters in 1910, as against 273 issued for 1909, an increase of 608 permits.

Meter Testing.

Owing to the delay in securing the necessary material and tools for the testing of meters, which has been taken in charge by Inspector Phalen, the work was not commenced until the last week of December, and it has only been possible to test the larger meters at present, awaiting the arrival of the proper material for the smaller ones, when the testing will be pushed as rapidly as possible.

Sealing Meters.

The work of re-sealing meters in the borough is progressing rapidly, and we hope to complete this work during the summer.

Collections.

The total collections for 1910 amounted to $1,114,668.12, as against $872,854.45 for 1909, being an increase of $241,813.67.

The revenue collected for regular frontage charges, current and prior years, and penalty was $665,424.76 for 1910, as against $572,698.44 for 1909, an increase of $92,726.32.

The amount collected for meter measurements was $389,333.61 for 1910, as against $254,162.90 for 1909, an increase of $135,170.71.

The amount collected for meter setting was $623.95 for 1910, as against $311.32 for 1909, an increase of $312.63.

During the year 1910 there were 848 regular building purpose permits issued, as against 802 for 1909. The amount of money collected for these permits in 1910 was $40,861.90, as against $28,490.34 for 1909, an increase of $12,371.56, which is most remarkable, in view of the fact that there was an increase of but 46 in the number of permits issued.

Regarding the permits for "extras," there were 1,099 of these issued during 1910, as against 492 for 1909, an increase of 607. The amount collected for these extras was $9,984.65 in 1910, as against $8,289.45 in 1909, an increase of $1,695.20. The reason for the great increase in the number of these permits is that in 1909 all charges for extras were included in one permit, while in 1910 each charge had a separate permit.

There were also issued this year 300 permits for the use of water for the camp sites at Pelham Bay Park, for which we received no revenue during the year 1909.

There were 1,514 tap permits issued for 1910, as against 1,152 in 1909, an increase of 362. The amount collected for taps was $8,439.25 in 1910, as against $8,902 in 1909, a decrease of $462.75, the same being caused by the issuance of 207 free taps in 1910.

The following is a statement of moneys received for water rents, penalties, etc., for the year ending December 31, 1910:

	Total.	Regular Rates Current Year.	(Includes Penalty) Prior Year.	Meter Measurements.
January	$32,890 94	$6,260 06	$3 30	$24,966 90
February	37,206 03	7,116 30	10 65	26,270 81
March	39,112 76	7,151 35	47 35	22,535 00
April	50,970 16	6,328 35	65 50	37,774 45
May	160,976 44	97,636 10	8,032 42	49,233 40
June	150,109 03	89,556 00	7,265 65	46,744 58
July	364,724 41	316,462 95	12,599 20	30,777 14
August	40,101 49	19,697 38	1,158 95	13,517 25
September	39,056 68	13,103 95	39 35	23,012 82
October	97,163 52	49,263 95	96 85	42,856 81
November	54,364 47	14,008 05	34 00	35,432 49
December	47,992 19	9,469 85	17 25	36,211 96
	$1,114,668 12	$636,054 29	$29,370 47	$389,333 61

	Meter Setting.	Building Purpose (Reg.).	Building Purpose (Extra).	Taps.
January	.....	$986 56	$375 87	$298 25
February	$41 58	2,298 50	1,027 19	441 00
March	82 68	6,919 10	1,142 78	1,234 50
April	.....	4,967 00	738 36	1,096 50
May	185 32	3,655 00	1,381 70	852 50
June	.....	4,342 95	1,422 85	777 00
July	.....	3,215 26	935 86	734 00
August	33 63	4,168 80	748 98	776 50
September	.....	1,859 40	516 16	525 00
October	54 81	3,316 70	751 40	823 00
November	164 00	3,679 11	512 32	534 50
December	61 93	1,453 52	431 18	346 50
	$623 95	$40,861 90	$9,984 65	$8,439 25

Respectfully submitted, JOHN L. JORDAN, Deputy Commissioner.

City of New York, Borough of Brooklyn, Department of Water Supply, Gas and Electricity, Office of Deputy Commissioner, Municipal Building, Room 28, Brooklyn, September 21, 1911.

Hon. HENRY S. THOMPSON, Commissioner of Water Supply, Gas and Electricity:

Dear Sir—I beg to submit herewith duplicate copy of the Water Registrar's annual report for the year 1910.

As you will see from the report of the collections, there was in increase in the regular rates of nearly	$89,000 00
In the meter rates of	23,600 00
In building purposes of	3,500 00
Total increase of	$116,100 00

The amounts received for penalties, taps, meters aand meter setting show a decrease of $6,000, making a net increase in the collections for the year of over $110,000.

The report also shows the number of permits issued for taps and connections, with an itemized statement of the sizes of the various taps and branches.

The report of the Inspection Division gives, in detail, the number of inspections made during the year and also the number of meter readings, both regular and special.

The report of the Permit and Meter Setting Division shows the number of meters set by both private and City plumbers for the year, and also for the years 1907, 1908 and 1909. The total number of meters set in 1910 was about 2,400, which brings the total number of meters at present installed in the City to about 17,900.

The work of the Inspection Division in connection with the Meter Setting Division is being pushed as rapidly as possible and meters are being installed in all places where water is used for business purposes as rapidly as this work can be accomplished.

The work of the Water Registrar's Office in general is being conducted in a much more businesslike and thorough manner than ever before. This is partly due to the increased force and partly to the better methods adopted for the carrying on of the work. A number of the employees, both Clerks and Inspectors, have been removed, as you know, for cause, and I believe that this has had a good effect on the entire personnel of the office. Yours truly,

F. T. PARSONS, Deputy Commissioner, Borough of Brooklyn.

Total Collections for Water January 1 to December 31, 1910.

	Regular.	Penalty.	Meters.	Buildings.	Taps.	Meters and Setting.		Labor and Material.	Total.	Grand Total.
1910	$1,993,298 11	$37,840 89	$1,147,488 15	$47,075 54	$19,738 50	$1,660 70	$3,827 66	$7,185 41	$32,412 27	$3,258,114 96
1909	1,904,326 40	37,856 25	1,123,859 04	43,566 40	21,564 75	3,693 40	6,987 81	6,204 84	38,450 80	3,148,058 89
Increase	$88,971 71		$23,629 11	$3,509 14				$980 57		$110,056 07
Decrease		$15 36			$1,826 25	$2,032 70	$3,160 15		$6,038 53	
										$3,258,114 96

Total, 1910	$3,258,114 96
From Tax Office	166,966 10
From Arrears Office	264,419 50
Total	$3,689,500 56

Yearly Report Ending December 31, 1910 for the Division of Inspection, Bureau of Water Rates, Brooklyn.

Taps and Connection Permits Issued from April 1 to December 1, 1910:

	Total.	Void.
Taps	3,220	41
Continuation	203	....
Street Openings	1,560	....
Branches	33	....
Building	1,329	37
Building, Extra	1,625	34

Statement of Taps and Branches from April 1 to December 31, 1910.

½-Inch	8
⅝-Inch	3,253
¾-Inch	84
1-Inch	93
1½-Inch	58
2-Inch	23
Branches—	
2-Inch	6
3-Inch	6
4-Inch	7
6-Inch	3
Repairs to service pipes, taps and connections	3,913
Alterations to buildings	448
Cement sidewalks	240
Correction of rate books	27,669
Block resurvey	4,901
Recommendations to meter	808
Initial inspections	3,022

Inspections to remove violations	549
Violations removed	428
Meters reset after repaired	2,613
Meters repaired by Department Machinist	71
Meters tested at yard (new)	608
Meters tested at yard (old)	652
Meters sealed at yard	1,109
Meters sealed on premises	2,301
Meter readings from books	65,356
Meter readings (special)	8,619
Examinations	458
Change of connections	88
Bills and notices delivered	339
Total number of leaks reported on house-to-house inspection for last quarter 1910	1,177
Water closets repaired on first reinspection	577
Water closets repaired on second reinspection	68
Faucets repaired on first reinspection	171
Faucets repaired on second reinspection	29
Total number repaired	845
Water closets reported and not repaired	279
Faucets reported and not repaired	53
Total to be reported on	332

Department of Water Supply, Gas and Electricity, Borough of Brooklyn, Permit and Meter Setting Division, September 20, 1911.

Hon. FREDERICK T. PARSONS, Deputy Commissioner, Department of Water Supply, Gas and Electricity:

Dear Sir—The records of this Division show meter settings as follows:

Year.	Total.
1907	2,547
1908	1,486
1909	1,913
1910	2,354
1911	2,431
Total	10,731

Department of Water Supply, Gas and Electricity, Borough of Queens, Long Island City, September 19, 1911.

Hon. HENRY S. THOMPSON, Commissioner:

Dear Sir—As a result of the reorganization of the Water Register's Bureau, begun early in 1910, the efficiency of this Bureau, in Queens, has been greatly increased.

The total amount of revenues collected by the Bureau for the year was $289,757.07, as compared to $235,435.03 in 1909, an increase of $54,322.04.

This increase is due not alone to the growth of the Borough, but also to the house-to-house inspection of factories and dwellings begun last spring, which disclosed a considerable consumption of water from which the City derived no revenue. This inspection has resulted in a permanent increase to the City's revenues, which will be further increased when the work is completed. A great deal of waste has also been stopped by this resurvey.

The Department, in July, moved from its overcrowded offices in the Hackett Building, at Jackson avenue and 4th street, to the new Municipal Building, in Anable street, opposite the Court House. This change gives increased facilities for the proper conduct of the City's business, and has added greatly to the efficiency of the Department.

The growth of Queens Borough has been in advance of the growth of the City's system of supply and distribution. During the year permits were granted for 80 private line connections in the First Ward and 298 in the Third Ward. It has also been necessary to obtain an increased supply of water from the Citizens' Water Supply Company, especially for the First Ward, where many new factories and tenement houses have been built.

New Meters.

Year.	Number.
1909	341
1910	401
Increase of 1910 over 1909	18%

Meter Repairs.

Year.	Number.
1909	1,074
1910	1,607
Increase of 1910 over 1909	50%

City Plumbers' Orders.

Year.	Number.	Billed Out.	Collections.
1909	79	$1,026 45	$312 17
1910	203	1,308 75	427 41
Increase of 1910 over 1909 in number of orders			157%
Increase of 1910 over 1909 in amounts billed			28%
Increase of 1910 over 1909 in amounts collected			37%

Total Water Rates (Including Arrears of Previous Year).

Year.	Amount.
1909	$264,126 19
1910	317,738 43
Increase of 1910 over 1909	20%

Collections.

Year.	Amount.	Increase.
1909	$235,435 03	.....
1910	289,757 07	$54,322 04
Increase of 1910 over 1909		23%

M. S. WALSH, Deputy Commissioner, Department of Water Supply, Gas and Electricity, Borough of Queens.

BUREAU OF WATER REGISTER, BOROUGH OF RICHMOND.

Hon. HENRY S. THOMPSON, Commissioner, Manhattan:

Dear Sir—I beg to submit the following report for the year ending December 31, 1910:

The abnormal use of water, owing to the extremely cold weather prevailing, made necessary the use of every possible means to check waste and conserve our supply for domestic use. A force of ten of our own men and twenty additional inspectors from Manhattan were put to work serving regular leak and waste notices and the circular appeal which you had ordered printed and sent us, and a letter explaining the situation was addressed to the public and published in the local papers.

Over 6,000 premises were inspected during the first quarter of the year, in 2,106 (one-third) of which leaks were discovered and notices served to repair. Compliance was so general that the extreme measure of discontinuing the supply was resorted to in only three instances.

A much-needed survey of the Fifth Ward and re-examination of all meters therein was made, and a complete revision of the books in which the Fifth Ward accounts were kept followed.

The earlier campaign against leak and waste, with the aid of men from Manhattan, was renewed in the summer, with the aid of men from Brooklyn, the same strict measures heretofore mentioned being enforced (the supply of water even to the Borough President's Bureaus, for street sprinkling, sewer flushing, etc., being withheld), and the same prompt compliance being, as a rule, offered.

During the year 23,061 inspections were made, including 8,509 inspections, 3,688 examinations, 5,966 specials and 4,898 book readings.

We succeeded in securing from the Borough President, in the spring, permanent possession of quarters for the office of the Bureau on the same floor and directly across the corridor from our other offices. This additional eight hundred square feet of space is well lighted and admirably adapted for use as a bill room. The furnishing and refitting of some in an up to date manner was borne largely by the Borough authorities who are responsible for the building, and at conseqeunt small expense to this Department, and the comfort of the public and our own Clerks has been materially increased by these improvements, and the efficiency of the Bureau increased.

In order to place this matter of payment of water bills before the public, we drafted a short and concise statement of our rules, regulations and penalties, and had same published in the local press, without expense, with profitable results.

The acquisition of a third private water system—the Dongan Hills system—was completed on June 3 from a physical and engineering standpoint, and it now devolved upon us to render bills for the service already rendered and about to be rendered. A complete survey and inspection of the premises served by this system was made, as a basis for opening accounts.

New loose-leaf ledgers were written up and the 1909 balances transferred to them, the November penalties were scheduled, and in such time as could be spared the 1911 frontage rate ledgers were begun.

Despite the turning over of items to the amount of $32,018.56 to the Receiver of Taxes for collection, our own total collections for the year exceeded those of the preceding record year by $27,971.04, reaching a total of $176,044.06.

The total of 208 employees during the early part of the year was reduced to 186 on December 31.

Due to a judicious and economical use of our 1910 appropriation, including a saving at the rate of $12,000 per year by the discontinuance of the old Bulls Head Station and the pumping of its yield by the new Springville Station, we effected a total saving of $120,000. Respectfully submitted, JOHN E. BOWE, Deputy Commissioner.

Borough of Queens.

Commissioner of Public Works.

November 28, 1911.

Report of the transactions of the office of the Commissioner of Public Works, Borough of Queens, for the week ending October 7, 1911:

Public Moneys Received During the Week—For restoring pavement over street openings, $298.59.

Requisitions Drawn on Comptroller—Bureau of Highways, $39,022.16; Bureau of Sewers, $29,156.06; Bureau of Street Cleaning, $8,369.72; Bureau of Public Buildings and Offices, $7,233.72; Bureau of Topographical Surveys, $1,188.36; total, $84,970.02.

Permits Issued—To open streets to tap water pipes, 32; to open streets to repair water connections, 14; to open streets to make sewer connections, 14; to place building material on streets, 20; to construct street vaults, 1; special permits, 68; to cross sidewalks, 14; for subway, steam mains and various connections, 62; for railway construction and repairs, 4; to repair sidewalks, 12; for sewer connections, 12; for other purposes, 1; total, 254.

Bureau of Highways—Macadamized Streets: Square yards of macadam pavement repaired, 1,426; square yards of macadam pavement cleaned, 9,643; square yards of macadam pavement sanded, 4,510; square yards of macadam road picked up, 5,788; square yards of broken stone spread on picked up bottom, 6,156; square yards of macadam pavement sanded and screened, 8,636; square yards of macadam pavement finished, 2,911.. square yards of dirt wings honed, 30,192; square yards of dirt wings cleaned, 3,195; square yards of macadam rolled, 14,300; square yards of macadam covered with tarvia, 1,300; linear feet of macadam pavement screened, 3,100; loads of screenings hauled and used, 183; loads of broken stone used, 576; loads of sand used, 231; loads of worn out material hauled away, 696; loads of amiesite used, 12; barrels of tarvia used, 25; empty tarvia barrels hauled, 236; linear feet of gutters cleaned, 72,127.

Paved Streets: Square yards of granite pavement repaired, 474; linear feet of paved gutters cleaned, 4,790; square yards of cobble gutters repaired, 275; square yards of brick pavement repaired, 289; cubic yards of sand used in repairs, 14; loads of sand used in repairs, 161; loads of dirt hauled away, 54; loads of stone hauled, 55; loads of granite blocks used, 2; loads of worn out material hauled away, 51; linear feet of curb reset, 270; loads of paving blocks hauled, 4; square feet of gutters grouted, 750; bags of cement used, 7; square yards of roadway graded for paving, 232; square yards of brick pavement rammed, 93; loads of amiesite hauled, 26.

Unimproved Streets: Square yards of roadway graded, 3,642; square yards of roadway crowned and repaired, 13,642; square yards of sidewalk graded, 629; square yards of crosswalks cleaned, 1,800; loads of dirt hauled away, 1,792; loads of dirt put on, 1,357; loads of worn out material hauled away, 55; linear feet of gutters formed, 33,508; linear feet of gutters cleaned, 1,800; square yards of dirt wings cleaned, 680; feet of trench opened, 70; feet of vitrified pipe taken up and cleaned, 80.

Miscellaneous: Gallons of water removed from catch basins, 36,850; gallons of water removed from cesspools, 4,000.

Trees and Weeds: Square yards of weeds cut down and removed, 1,570

Experimental Work, Hillside Avenue, 4th Ward: Square yards of subgrade spread, 110; square yards of amiesite spread, 225; square yards of sealing coat spread, 416; loads of material hauled, 9; loads of granite chips used, 24; square yards of road rolled, 4,000; square yards of sand rolled, 1,500; loads of coal hauled, 1; loads of sand hauled, 3.

Bureau of Sewers—Linear feet of sewer built, 20; number of basins built, 1; linear feet of sewer cleaned, 2,025; number of basins cleaned, 175; linear feet of sewer flushed, 18,350; number of basins repaired, 2; number of basins relieved, 60; linear feet of sewer repaired, 64; number of manholes repaired, 1; number of manholes cleaned, 117; open drains cleaned, 2,900; culvert and stone drains cleaned and repaired, 100; box and pipe drains repaired, 20; box and pipe drains examined and cleaned, 70; material used: 19 bags of cement, 3½ bags of sand, 1,125 brick, 56 feet of 15-inch pipe, 8 feet of 10-inch pipe, 20 feet of 6-inch pipe; loads removed from sewers, 87½; loads removed from basins and drains, 329.

Street Sweepings, Garbage, etc., Collected and Disposed Of—Ashes, loads, 1,334; sweepings, loads, 1,105½; rubbish, loads, 635¼; garbage, loads, 842; miles of street swept, 84; miles of private street swept, 7; gutters cleaned, 30.

Bureau of Topographical Surveys—Work Done by Office Force:

Rule Maps—Calamus ave., Corona ave., Edison place, Tesla place, Ridgewood place, Olmstead place.

Damage Maps—Fowler st., Blossom ave., Saull st., Cherry st., Colden ave., Corona ave., Calamus ave., Tompkins ave., Lafayette st., Fosdick ave., Luther place, 50th st., 51st st., Britton ave., Elmhurst ave., Rockaway boulevard.

Profiles—Rockaway boulevard, Colden ave., Cherry st., Saull st., Blossom ave., Fowler st., Lawrence st.

Final Benefit Maps—Scott ave., Bleecker st.

Calculating and plotting of field work.

Copying Old Maps and Records—County Clerk's office.

Work Done by Field Force:

Monumenting—Spring Creek, Aqueduct, Woodside, Middle Village, Glendale.

Traverse and Location—Rockaway road, Beaver st., South Jamaica.

Damage Survey—Kimball ave., Whitlock ave., Winthrop ave., Rockaway road.

Amount of vouchers certified to the Comptroller during the current week, $1,188.36.

Bureau of Highways—Foremen, Assistant Foremen, Mechanics and Laborers, 492; teams, 32; horses and carts, 78.

Bureau of Sewers—Foremen, Assistant Foremen, Drivers, Sounders, Mechanics and Laborers, 146; horses and carts, 18.

Bureau of Street Cleaning—District Superintendent, Foremen, Assistant Foremen, Mechanics, Helpers, Drivers, Laborers and Clerks, 219; teams and trucks, 39; horses and carts, 108.

Bureau of Public Buildings and Offices—Clerks, Foremen, Engineer, Firemen, Stokers, Carpenters, Plumbers, Pipe Fitters, Tinsmith, Helpers, Painters, Laborers, Cleaners, Janitors, Mason, Helpers and Attendant, 72.

Bureau of Topographical Surveys—Engineer in Charge, Assistant Engineer, Laborers, Sounders, Rodmen, Drivers, Foremen, Assistant Foremen, Draftsmen, Transitmen, Computers, Riggers, Axemen and Flaggers, 146.

DENIS O'LEARY, Commissioner of Public Works.

DEPARTMENT OF FINANCE.

Abstract of the Transactions of the Office of the Chamberlain for the Week Ending October 31, 1911.

Office of the Chamberlain, November 11, 1911.

Hon. WILLIAM J. GAYNOR, Mayor :

Sir—In pursuance of section 196, chapter 466, of the Laws of 1901, I have the honor to present herewith a report to October 31, 1911, of all moneys received by me, and the amount of all warrants paid by me since October 21, 1911, and the amount remaining to the credit of the City on October 31, 1911.

Very respectfully,

ROBERT R. MOORE, Chamberlain.

The City of New York in Account with Robert R. Moore, Chamberlain, During the Week Ending October 31, 1911.

		Cr.			
1911. Oct. 21	By Balance				$23,348,531 38
		City of New York.			
Oct. 31	Taxes:				
	Borough of Manhattan	Ebstein	$36,706,862 97		
	Borough of The Bronx	"	2,737,718 98		
	Borough of Brooklyn	"	7,922,041 82		
	Borough of Queens	"	1,583,182 96		
	Borough of Richmond	"	448,380 34		
				$49,398,187 07	
	Water Meter Fund No. 2, Borough of Manhattan	Ebstein		429 48	
	Water Meter Fund, Borough of Brooklyn	"		93 80	
	Water Meter Fund, Borough of Queens	"		21 25	
	Water Rents, Borough of Brooklyn	"		16,201 97	
	Water Rents, Borough of Queens	"		2,124 08	
	Arrears of Taxes, 1899, etc.:				
	Borough of Manhattan	Collector Assessm'ts	$188,961 63		
	Borough of The Bronx	"	45,219 78		
	Borough of Brooklyn	"	137,964 86		
	Borough of Queens	"	33,536 60		
	Borough of Richmond	"	16,230 25		
				421,913 12	
	Interest on Taxes, 1899, etc.:				
	Borough of Manhattan	Collector Assessm'ts	$21,667 51		
	Borough of The Bronx	"	5,020 53		
	Borough of Brooklyn	"	18,209 94		
	Borough of Queens	"	4,320 24		
	Borough of Richmond	"	1,871 63		
				51,089 85	
	Street Improvement Fund—January 1, 1898:				
	Borough of Manhattan	Collector Assessm'ts	$18,317 55		
	Borough of The Bronx	"	48,574 46		
	Borough of Brooklyn	"	95,105 74		
	Borough of Queens	"	34,270 12		
	Borough of Richmond	"	9,234 75		
				205,502 62	
	Interest on Assessments—Street Improvement Fund:				
	Borough of Manhattan	Collector Assessm'ts	$1,432 95		
	Borough of The Bronx	"	4,767 32		
	Borough of Brooklyn	"	9,281 72		
	Borough of Queens	"	3,616 72		
	Borough of Richmond	"	912 09		
				20,010 80	
	Fund for Street and Park Openings:				
	Borough of Manhattan	Collector Assessm'ts	$84,317 95		
	Borough of The Bronx	"	29,220 65		
	Borough of Brooklyn	"	6,374 56		
	Borough of Queens	"	9,551 85		
	Borough of Richmond	"	765 64		
				130,230 65	
	Interest on Assessments—Street and Park Openings:				
	Borough of Manhattan	Collector Assessm'ts	$3,140 67		
	Borough of The Bronx	"	4,054 20		
	Borough of Brooklyn	"	667 43		
	Borough of Queens	"	998 32		
	Borough of Richmond	"	109 96		
				8,970 58	
	Restoring and Repaving, Borough of Manhattan	Collector Assessments		44 53	
	Restoring Pavements, Borough of Manhattan	"		6 44	
	Water Meter Fund No. 2, Borough of Manhattan	"		1,022 27	
	Interest on Water Meter Fund No. 2, Borough of Manhattan	"		178 54	
	Arrears of Taxes, 1899, etc., Subway Special Franchise	"		182 33	
	Williamsbridge Sewer Fund, Borough of The Bronx	"		467 08	
	Advertising Charges on Sales, Borough of The Bronx	"		18 00	
	Arrears of Taxes, 1899, etc., Real Estate Corporation, Borough of The Bronx	"		30 62	
	Arrears of Taxes, 1899, etc., Special Franchise, Borough of The Bronx	"		52 73	
	Water Meter Fund, 1898, and Sub., Borough of Brooklyn	"		118 35	
	Interest on Water Meter Fund, 1898 and Sub., Borough of Brooklyn	"		8 74	
	Arrears of Taxes, 1899 and Sub., Special Franchise, Borough of Brooklyn	"		949 49	
	Arrears of Taxes, 1899 and Sub., Real Estate Corporation, Borough of Brooklyn	"		82 53	
	Interest on Tax Lien Sales Receivable, Borough of Brooklyn	"		4 85	
	Interest on 26th Ward Bonds, Borough of Brooklyn	"		15 12	
	Interest on Interest of 26th Ward Bonds, Borough of Brooklyn	"		8 96	
	Principal and Interest on 26th Ward Bonds, Borough of Brooklyn	"		14,755 50	
	Interest on Principal and Interest on 26th Ward Bonds, Borough of Brooklyn	"		203 92	
	Sewer Assessments, 29th Ward—Installments, Borough of Brooklyn	"		853 15	
	Opening and Grading Assessments, 31st Ward—Installments, Borough of Brooklyn	"		4,231 23	
	Flatbush Avenue Improvement, 29th Ward, Borough of Brooklyn	"		10,392 51	
	Interest on Assessments, Borough of Brooklyn	"		155 78	
	Opening, Laying Out and Improving Bedford Avenue, Borough of Brooklyn	"		609 15	
	Interest on Opening, Laying Out and Improving Bedford Avenue, Borough of Brooklyn	"		45 85	
	Advertising Charges on Sales, Borough of Brooklyn	"		292 90	
	Arrears of Water Rents, 1898, and Sub., Borough of Brooklyn	"		6,371 80	
	Interest on Water Rents, 1898 and Sub., Borough of Brooklyn	"		709 41	
	Arrears of Taxes, 1899 and Sub., Special Franchise, Borough of Queens	"		7 24	
	Advertising Charges on Sales, Borough of Queens	"		48 00	
	Water Rents, Long Island City, Borough of Queens	"		523 31	
	Interest on Water Rents, Long Island City, Borough of Queens	"		70 71	
	Water Rents, Village of College Point, Borough of Queens	"		61 50	
	Interest on Water Rents, Village of College Point, Borough of Queens	"		30 54	
	Water Rents, Village of Flushing, Borough of Queens	Collector Assessm'ts		$44 23	
	Interest on Water Rents, Village of Flushing, Borough of Queens	"		19 24	
	Water Rents, Village of Whitestone, Borough of Queens	"		5 89	
	Interest on Water Rents, Village of Whitestone, Borough of Queens	"		86	
	Water Rents, Village of Bayside, Borough of Queens	"		4 32	
	Interest on Water Rents, Village of Bayside, Borough of Queens	"		60	
	Advertising Charges, Borough of Richmond	"		6 00	
	Fees for Searchers, Borough of Richmond	"		1 60	
	New York and Brooklyn Bridge—Revenue, 1911	O'Keeffe		3,307 50	
	Williamsburg Bridge Maintenance Fund	"		2,549 95	
	Water Meter Fund, Borough of Brooklyn	McGuire		307 62	
	Water Revenue Fund, Borough of Brooklyn	"		694 04	
	Water Rents, Borough of Brooklyn	"		128,412 30	
	Water Rents, Borough of Queens	Thompson		8,765 02	
	Water Meter Fund, Borough of Queens	"		43 85	
	Unclaimed Salaries and Wages	Timmerman		5,135 37	
	Water Meter Fund, Borough of Manhattan	Kiely		31 98	
	Water Meter Fund, Borough of The Bronx	Nugent		44 92	
	Excise Taxes, New York County	McAvoy	$10,255 00		
	Excise Taxes, Kings County	Regan	2,453 75		
	Excise Taxes, Queens County	Jervis	1,825 00		
	Excise Taxes, Richmond County	Murphy	355 00		
				14,888 75	
	Restoring and Repaving, Borough of Manhattan	McAneny		9,218 25	
	Restoring and Repaving, Borough of The Bronx	Miller		527 33	
	Restoring and Repaving, Borough of Brooklyn	Steers		12,139 22	
	Restoring and Repaving, Borough of Queens	Todd		229 39	
	Restoring and Repaving, Borough of Queens	Comptroller		14 47	
	Restoring and Repaving, Borough of Richmond	Cromwell		592 52	
	Street Incumbrance Fund, Borough of Manhattan	Edwards		226 50	
	Street Incumbrance Fund, Borough of Brooklyn	"		17 65	
	Forfeited Recognizances, New York County			500 00	
	Common Land Fund, late Town of Gravesend—Rents	Goodacre		4 00	
	Sewer Inspection and Repairs, Borough of Richmond	Cromwell		12 00	
	Electric Meter Test Deposits	Comptroller		2 00	
	Contract Payments in Suspense	"		296 77	
	New Water Supply, City of New York	Buncke		2,393 25	
	Fund for Topographical Bureau, Borough of The Bronx	Miller		13 70	
	Fund for Topographical Bureau, Borough of Queens	Todd		30 85	
	Repaving Streets, Borough of Brooklyn	Steers		2,355 18	
	Constructing Private Sewers, Borough of Queens	Todd		260 00	
	Repaving Streets Between Tracks	Comptroller		5,247 52	
	Department of Street Cleaning—Receipts of, Held in Trust for Pension Fund	Edwards		105 00	
	Intestate Estates	Hoes		4,202 70	
	Water Rents, Borough of Brooklyn—Refunding Account	Comm. Sinking Fund		781 48	
	Croton Water Rents—Refunding Account	"		3,781 08	
	Rapid Transit Railroad Rental—Boroughs of Manhattan and The Bronx	Goodacre		407,756 66	
	Rapid Transit Railroad Rental—Boroughs of Brooklyn and Manhattan	"		38,715 56	
	Restoring and Repaving, Special Fund, Boroughs of Brooklyn and Queens	Kennedy		570 00	
	Maintenance and Improvement of Public Parks, Brooklyn Heights	"		45 84	
	Fines and Penalties—Special Account	Moran		20 00	
	General Fund, Boroughs of Manhattan and The Bronx	Comptroller	$2 53		
		Robinson	175 00		
		Goodacre	117,049 62		
		Kiely	656 21		
		Nugent	196 50		
		O'Keeffe	100 00		
		Wallace	3,520 50		
		Miller	331 02		
		Waldo	3,417 50		
		McAneny	1,184 51		
		Whitney	7,794 21		
		Pub. Serv. Comm.	317 00		
		Watson	37 20		
		Stover	1,458 09		
		Timmerman	14 00		
		Hoes	1,007 12		
	General Fund, Borough of Brooklyn	Wallace	655 75		
		Thatcher	34 00		
		Kennedy	3,448 20		
		Taylor	1,520 52		
		Pounds	1,654 70		
	General Fund, Borough of Queens	Wallace	130 50		
		Thompson	4,478 65		
		Ebstein	741 30		
		Moynahan	169 87		
		Todd	338 22		
	General Fund, Borough of Richmond	Wallace	46 00		
		Thompson	11,337 36		
		Moynahan	492 43		
		Ebstein	2,570 17		
				164,878 68	
	Department of Docks and Ferries, 1911—148	Tomkin		75 98	
	Department of Finance—Salaries, 1911—32	Timmerman		3 06	
	Department of Education—General School Fund, 1911—1276	Comptroller		1,161 75	
	Department of Health, 1911—355	Timmerman		3 33	
	Department of Water Supply, 1911—515	"		25 41	
	Police Department, 1911—831	"		18 80	
	Police Department, 1911—835	"		265 15	
	Police Department, 1911—834	"		83 52	
	Revenue Bond Fund—Municipal Garage	O'Keeffe		1,139 50	
	Special Revenue Bonds, 1911—3 per cent.	Comm. Sinking Fund		300,000 00	
	Proposed Sales of 3 per cent. Corporate Stock for Various Municipal Purposes	"		200,000 00	
	Proposed Sales of 3½ per cent. Corporate Stock Providing Supply of Water	"		1,000,000 00	
	Boroughs of Manhattan and The Bronx—				
	Arrears of Taxes, 1898 and Prior	Collector Assessments		1,214 25	
	Interest on Taxes, 1898 and Prior	"		1,323 00	
	Street Improvement Fund—J. 15, 1886	"		404 00	
	Interest on Assessments—Street Improvement Fund	"		320 21	
	Interest on Assessments—Street and Park Openings	"		121 41	
	Advertising Charges on Sales	"		10 00	
	Town of Westchester—Taxes	"		127 03	
	Town of Westchester—Interest on Taxes, etc.	"		163 11	

1911	Cr.				
Oct. 31	By Borough of Brooklyn—				
	Interest on Taxes, etc., 1897, etc.	Collector Assessments		2 49	
	8th Ward Improvement Fund—Installments	"	....	195 06	
	26th Ward Main Sewer—Installments	"	....	41 53	
	Local Improvements, late Town of New Utrecht	"	....	1,378 53	
	Opening and Grading Assessments, 31st Ward—Installments	"	....	10 71	
	Interest on Assessments	"	....	146 43	
	Borough of Queens—				
	Arrears of Taxes, 1897, etc.	"	....	143 17	
	Interest on Taxes, 1897, etc.	"	....	52 25	
	General Improvement Commission—Installments	"	....	706 66	
	Interest on General Improvement Commission—Installments	"	....	115 39	
	General Improvement Commission—Full Payment	"	....	143 46	
	Assessments for Local Improvements—Various Villages	"	....	30 85	
	Interest on Assessments for Local Improvements—Various Villages.	"	....	7 08	
	Borough of Richmond—				
	Arrears of Taxes, 1897, etc.	"	....	45 21	
	Interest on Taxes, 1897, etc.	"	....	16 43	
	Assessment for Local Improvements—New Brighton	"	....	2 50	
	Interest on Assessments	"	....	4 62	
					$52,626,031 87
	Amount Forward				$75,974,563 25

1911	Dr.	
Oct. 31	To Revenue Bond Fund—Armory Board	$352 67
	Revenue Bond Fund—Bellevue and Allied Hospitals—Establishment of a Training School for Midwives	52 78
	Revenue Bond Fund—Bellevue and Allied Hospitals—Alterations to Wards	25 25
	Revenue Bond Fund—Board of Aldermen and City Clerk—Increase of Salaries	179 16
	Revenue Bond Fund—Board of Aldermen and City Clerk—Increase in Salaries of Assistant Sergeant-at-Arms, Auctioneers and Process Server, from July 1, 1911	116 69
	Revenue Bond Fund—Department of Public Charities—Deficiency in Appropriation, 1910	12 00
	Revenue Bond Fund—Department of Public Charities—Salaries of 1 Clerk and 1 Stenographer from April 1 to December 31, 1911	87 50
	Revenue Bond Fund—Department of Public Charities—Salaries of Various Employees from July 1 to December 31, 1911	83 33
	Revenue Bond Fund—County Clerk, New York County—Salary of Confidential Stenographer, 1911	75 00
	Revenue Bond Fund—County Clerk, Kings County—Salary of Clerk in Marriage License Bureau	100 00
	Revenue Bond Fund—Queens County—Recopying and Preserving the Records in County Clerk's Office	2,199 70
	Revenue Bond Fund—Claims for Damages	94 25
	Revenue Bond Fund—Claims for Interest on Taxes and Assessments Paid in Error	249 51
	Revenue Bond Fund—Claims for Miscellaneous	455 40
	Revenue Bond Fund—Claims for Salary of Park Commissioner, Borough of Queens, 1911—Chapter 644, Laws of 1911	416 66
	Revenue Bond Fund—Municipal Civil Service Commission—Payment of Monitors and Per Diem Examiners, 1911	89 00
	Revenue Bond Fund—Municipal Civil Service Commission—Salaries of Investigators and Clerk	150 00
	Revenue Bond Fund—Municipal Civil Service Commission—Expenses in Connection with Examinations, 1911	147 58
	Revenue Bond Fund—Public Service Commission, First District, New York—Expenses of, 1910	114 50
	Revenue Bond Fund—Public Service Commission, First District, New York—Expenses of, 1911	30,016 12
	Revenue Bond Fund—Bureau of Licenses—Wages of Laborers in Taxicab Division	15 00
	Revenue Bond Fund—Bureau of Licenses, Mayor's Office—Salary of Stenographer from June 1 to December 31, 1911	100 00
	Revenue Bond Fund—Bureau of Licenses, Mayor's Office—Salary of Automobile Engineman to December 31, 1911.	100 00
	Revenue Bond Fund—Bureau of Weights and Measures—Salary of Automobile Engineman to December 31, 1911.	100 00
	Revenue Bond Fund—Commissioners of Accounts—Establishment of Standard Testing Laboratory	891 54
	Revenue Bond Fund—Board of Assessors—Increase in Salaries of Clerks and Stenographers, 1911	112 50
	Revenue Bond Fund—City Magistrates' Courts, First Division—Salaries, Equipment, Supplies and Contingencies, 1910	99 69
	Revenue Bond Fund—City Magistrates' Courts, First Division—Equipment, Furnishings and Fixtures	413 25
	Revenue Bond Fund—City Magistrates' Courts, First Division—Salary of Temporary Magistrate from July 1 to December 31, 1911	583 33
	Revenue Bond Fund—City Magistrates' Courts, Second Division—Increase in Salaries of 16 Magistrates from August 1 to December 31, 1911	1,833 31
	Revenue Bond Fund—Court of Special Sessions, City of New York—Salaries, Equipment, Supplies and Contingencies	237 50
	Revenue Bond Fund—Court of Special Sessions, City of New York—Increased Compensation of Justices, Boroughs of Brooklyn, Queens and Richmond	1,750 00
	Revenue Bond Fund—Court of Special Sessions, City of New York—Increased Compensation of 19 Attendants.	450 00
	Revenue Bond Fund—Court of Special Sessions, City of New York—Increase in Salary of Clerk and Deputy Clerk, Part 2	166 66
	Revenue Bond Fund—County Court, Kings County—Compensation of 2 Stenographers for New Parts of Court	500 00
	Revenue Bond Fund—Supreme Court, Richmond County—Increased Compensation, etc	41 67
	Revenue Bond Fund—Surrogate, Kings County—Salaries of Copyists, 1910	100 00
	Revenue Bond Fund—Surrogate, Kings County—Salaries of Two (2) Comparers, 1911	200 00
	Revenue Bond Fund—Corporation Counsel—Expenses in Matter of State of New York vs. State of New Jersey et al.	57 65
	Revenue Bond Fund—District Attorney, New York County—Necessary Expenses in Connection with Investigations and Criminal Actions in Various Matters	71 80
	Revenue Bond Fund—District Attorney, New York County—Compensation of 4 Additional Assistants from September 1 to December 31, 1911, and Purchase of Desks and Supplies	2,500 00
	Revenue Bond Fund—District Attorney, Kings County—Expenses of Extradition of Fugitive Criminals	60 90
	Revenue Bond Fund—District Attorney, Kings County—Salaries of 7 Process Servers, 1911	583 31
	Revenue Bond Fund—District Attorney, Kings County—Compensation of 2 Additional Assistants, from July 1 to December 31, 1911	833 32
	Revenue Bond Fund—District Attorney, Kings County—Salary of Bail Bond Clerk, 1911	166 66
	Revenue Bond Fund—District Attorney, Richmond County—Salary of Process Server from May 1 to December 31, 1911	83 33
	Revenue Bond Fund—Department of Bridges—Increased Compensation of Bridge Mechanics and Riveters	28 73
	Revenue Bond Fund—Municipal Garage—Maintenance and Supplies	951 29
	Revenue Bond Fund—Department of Bridges—Maintenance of Williamsburg Bridge, 1911	8,145 76
	Revenue Bond Fund—Department of Correction—Salaries of 4 Additional Keepers at Penitentiary, Blackwells Island, July 1 to December 31, 1911	266 64
	Revenue Bond Fund—Department of Docks and Ferries—Dredging Around Wharves, etc., by Department of Street Cleaning	618 54
	Revenue Bond Fund—Department of Docks and Ferries—Salaries of 6 Additional Dockmasters, 1911	900 00
	Revenue Bond Fund—Department of Education—Installing Playground, Clinton, Cherry and Water Streets, Borough of Manhattan	1,275 00

1911	Dr.	
Oct. 31	To Revenue Bond Fund—Wages of Additional Employees on Training Ship "Newport"	$145 00
	Revenue Bond Fund—Department of Parks, Boroughs of Manhattan and Richmond—Increase of Wages of Wheelwrights	9 00
	Revenue Bond Fund—Department of Parks, Boroughs of Manhattan and Richmond—Increase of Wages of Pipefitters	2 75
	Revenue Bond Fund—Department of Parks, Boroughs of Manhattan and Richmond—Increase of Wages of Plumbers	14 50
	Revenue Bond Fund—Department of Parks, Boroughs of Manhattan and Richmond—Regenerating Lawns in Central Park	3,056 32
	Revenue Bond Fund—Department of Street Cleaning, Borough of Manhattan—Deficiency in Allowance for Sweeping, 1911	6,183 35
	Revenue Bond Fund—Department of Street Cleaning, Borough of Manhattan—Deficiency in Allowance for Carting and Stable, 1911	11,532 57
	Revenue Bond Fund—Department of Street Cleaning, Borough of Brooklyn—Deficiency in Allowance for Carting and Stable, 1911	5,722 50
	Revenue Bond Fund—Department of Street Cleaning, Borough of The Bronx—Deficiency in Allowance for Carting and Stable, 1911	2,197 00
	Revenue Bond Fund—Block Tax Assessment Map Fund	3,429 15
	Revenue Bond Fund—Department of Taxes and Assessments—Automobile Hire	233 02
	Revenue Bond Fund—Department of Taxes and Assessments—Salaries of Additional Force and Increase in Present Force	7,450 78
	Revenue Bond Fund—Salaries and Expenses of Inspecting and Testing Changes, Distributing Water Mains, etc., Caused by Public Improvements	15 00
	Revenue Bond Fund—Water Meter Inspection and Protection, All Boroughs	62 50
	Revenue Bond Fund—Damages Caused by Change of Grade in Vicinity of Williamsburg Bridge, Borough of Manhattan	856 08
	Revenue Bond Fund—Wages of Employees of Engineering Bureau, Boroughs of Manhattan and The Bronx—Extra Work	955 39
	Revenue Bond Fund—Judgments	1,349 23
	Revenue Bond Fund—Payment of County Charges and Expenses	90,009 46
	Revenue Bond Fund—County Court, Kings County—Furnishings and Fixtures for Parts 3 and 4	135 62
	Revenue Bond Fund—First District Municipal Court, Borough of Brooklyn—Furniture and Supplies for Part 2.	228 85
	Revenue Bond Fund—Sixth District Municipal Court, Borough of Brooklyn—Fitting up New Quarters	55 00
	Revenue Bond Fund—Municipal Bath, Coney Island—Salaries	130 65
	Revenue Bond Fund—Municipal Bath, Coney Island—Equipment and Maintenance	27 00
	Revenue Bond Fund—Police Department—Increased Wages of Plumbers, 1911	38 57
	Revenue Bond Fund—Police Department—Increased Wages of Job Compositors, 1911	49 98
	Revenue Bond Fund—Police Department—Increased Wages of Metal Roofers, 1911	13 57
	Revenue Bond Fund—Police Department—Salaries of Stationery Engineers, 1911	193 50
	Revenue Bond Fund—Police Department—Salary of Foreman of Stables, 1911	166 66
	Revenue Bond Fund—President, Borough of Manhattan—Repairing Street Pavements Where Period of Maintenance Has Not Expired	3,266 41
	Revenue Bond Fund—President, Borough of Manhattan—Repairing Street Pavements Other than Block Where Period of Maintenance Has Expired	68,257 40
	Revenue Bond Fund—Repairing Street Pavements between Railroad Tracks, Borough of Manhattan	343 50
	Revenue Bond Fund—City Magistrate's Court, Fourth District, Second Division, Jamaica—Equipment	266 16
	Revenue Bond Fund—Bureau of Street Cleaning, Borough of Queens—Additional Means for Operation of, 1911	5,293 45
	Revenue Bond Fund—Cleaning Sewers, Second Ward, Borough of Queens	16 00
	Revenue Bond Fund—President, Borough of Queens—Salaries of 3 Automobile Enginemen, August 1 to December 31, 1911	262 50
	Revenue Bond Fund—Topographical Bureau, Borough of Queens—Expenses of Removal and Extra Furnishings.	46 20
	Revenue Bond Fund—Hire of Steam Rollers and Teams for Bureau of Highways, Borough of Queens	528 00
	Revenue Bond Fund—President, Borough of Queens—Salaries of 6 Additional Building Inspectors	500 00
	Revenue Bond Fund—President, Borough of Richmond—Wages of Engineering Force and Expenses in Connection with Subsurface Structures	27 12
	Revenue Bond Fund—Construction, Erection and Maintenance of Street Signs, Borough of The Bronx	199 09
	Revenue Bond Fund—President, Borough of The Bronx—Wages of Laborers on Rock Excavations	13 50
	Revenue Bond Fund—Sheriff, Kings County—Salaries of 2 Keepers and 1 Cleaner, 1911	262 50
	Revenue Bond Fund—Sheriff, Kings County—Salaries of 2 Keepers and 1 Matron, 1911	200 00
	Armory Fund	30,305 37
	New Bellevue Hospital, Construction of	428 03
	Laying Out and Improving Ground at Bellevue Hospital	2,185 00
	Department of Public Charities—Extension of 2 Tuberculosis Infirmaries, Metropolitan Hospital, Blackwells Island—Furniture	54 00
	Department of Public Charities—Nurses' Home and Training School, Kings County Hospital—Furnishings and Fixtures	190 40
	Department of Public Charities—Furnishings and Fixtures for Dormitory, City Farm Colony, Borough of Richmond	137 75
	Department of Public Charities—Staff House, Metropolitan Hospital, Blackwells Island	12 81
	Additional Water Fund	7,873 13
	New Water Supply, City of New York	360,372 71
	Change of Grade Damage Commission, 23d and 24th Wards—Awards	1,264 26
	Change of Grade Damage Commission, 23d and 24th Wards—Expenses of	1,033 33
	Change of Grade Damage Commission, 23d and 24th Wards—Expenses, 1911	4 20
	Metropolitan Sewerage Commission of New York	1,733 33
	Rapid Transit Construction Fund, Boroughs of Manhattan and The Bronx	20,589 77
	Rapid Transit Construction Fund, Boroughs of Brooklyn and Manhattan	91 60
	Rapid Transit Construction Fund—Brooklyn Loop Lines, Maintenance	103 07
	Bridge over East River between Boroughs of Manhattan and Brooklyn	8,445 71
	Bridge over East River between Boroughs of Manhattan and Queens	28,995 85
	Municipal Building, Construction of—Manhattan Terminal, New York and Brooklyn Bridge	149,690 38
	Municipal Building—Architects' Services	4,157 88
	Williamsburg Bridge—Strengthening Structure	38 32
	Department of Bridges—Salaries and Wages of Engineering Construction Force	14,270 80
	Department of Bridges—Contingent Expenses of Engineering Construction Force	5 35
	Dock Fund	1,646 94
	Department of Docks and Ferries	82,940 10
	Department of Education, Building Bureau—Salaries and Wages of Inspectors and Draftsmen	22 50
	Department of Education, Building Bureau—Surveys, Borings, Supplies, etc	80
	Education, Department of—Boys' High School, Borough of Brooklyn—Construction of an Addition	12,510 00
	School Building Fund—Construction and Improvement, Borough of Brooklyn	2,125 00
	School Building Fund—Construction and Improvement, Borough of The Bronx	6,375 00
	School Building Fund—Interior Construction and Equipment, Borough of Brooklyn	8,631 75
	School Building Fund—Interior Construction and Equipment, Borough of The Bronx	546 55
	School Buildings—Providing Fire Protection, Borough of Manhattan	4,962 75
	School Buildings—Providing Fire Protection, Borough of Brooklyn	2,116 50
	School Buildings—Providing Fire Protection, Borough of Queens	2,592 50
	School Sites—Costs, Charges and Expenses of Condemnations	779 38
	School Buildings—Furniture Work, Borough of Brooklyn	3,248 70

	Dr.		
1911 Oct 31	To Department of Health—Building Fund	$412 50	
	Department of Health—Sanatorium at Otisville, New York.	257 00	
	American Museum Natural History	692 11	
	Department of Parks, Boroughs of Manhattan and Richmond—Plans and Specifications for Permanent Improvements.	15 00	
	Improvement and Construction of Parks, Parkways, etc., Boroughs of Manhattan and Richmond	180 51	
	Metropolitan Museum of Art in Central Park—Constructing and Completing Extensions	56,922 82	
	Department of Parks, Borough of The Bronx—Additional Greenhouses for Propagating Purposes	151 50	
	Department of Parks, Borough of The Bronx—Construction of Manure Pits Adjacent to Park Stations	415 90	
	Department of Parks, Borough of The Bronx—Construction of Drinking Fountains in Various Parks	15 52	
	Department of Parks, Borough of The Bronx—Construction of Drain from Van Cortlandt Park Lake to Sewer in Broadway	14,346 64	
	Department of Parks, Borough of The Bronx—Improvement of Southerly Portion of St. Marys Park	877 12	
	Department of Parks, Borough of The Bronx—Improvement of Easterly and Westerly Portion of Crotona Park	807 24	
	New York Zoological Park	4,514 70	
	Department of Parks, Borough of The Bronx—General Improvement of Echo Park	216 75	
	Department of Parks, Borough of The Bronx—Construction of Driveway between Grand Boulevard and Mosholu Parkway	661 56	
	Construction and Establishment of High Pressure Water System, etc., Borough of Manhattan	15,705 37	
	Expenses of Conducting Investigation of Water Waste and Necessary Appliances Therefor	612 02	
	Water Fund, Borough of Brooklyn	5,726 00	
	Water Fund, Boroughs of Manhattan and The Bronx	5,471 49	
	Water Fund, Borough of Queens	511 30	
	Water Fund, Borough of Richmond	460 00	
	Water Supply, Gas and Electricity, Department of—Acquisition of Land for Building Sewers, Mt. Kisco	1,055 40	
	Water Supply, Gas and Electricity, Department of, Borough of Manhattan—Extending and Remodeling High Service Pumping Stations at Jerome Avenue, etc	86 00	
	Water Supply System, Borough of Brooklyn—Coal Weighing Scales	13,292 46	
	Water Supply System, Borough of Brooklyn—Infiltration Galleries from Spring Creek to Belmore	5,347 08	
	Water Supply System, Borough of Queens—Salaries and Wages of Labor Construction Force	47 50	
	Water Supply System, Boroughs of Manhattan and The Bronx—Salaries and Wages of Labor Construction Force	1,848 06	
	Water Supply System, Borough of Brooklyn—Salaries and Wages of Labor Construction Force	1,279 50	
	Water Supply System, Borough of Richmond—Supplies and Materials for Labor Construction Force	72 18	
	Water Supply System, Borough of Richmond—Salaries and Wages of Labor Construction Force	713 95	
	Water Supply System, All Boroughs—Salaries and Wages of Engineering Construction Force	33,157 93	
	Water Supply System, All Boroughs—Contingent Expenses of Engineering and Labor Construction Force	1,451 46	
	Fire Alarm Telegraph System—Installation of New System.	1,356 57	
	Fire Department—Sites and Buildings, Boroughs of Manhattan and The Bronx	1,650 00	
	Fund for Street and Park Openings	119,817 69	
	Fund for Topographical Bureau, Borough of Brooklyn	3,947 04	
	Palisade Avenue, Borough of The Bronx—Damage from Change of Grade	494 75	
	Improvement of Sanitary Condition of Gowanus Canal, Borough of Brooklyn	288 30	
	Repaving Streets, Borough of Brooklyn	58,603 77	
	Police Department—Fund for Sites and Buildings	815 40	
	Repaving Streets, Borough of Manhattan	26,654 81	
	Repaving—Chapter 475, Laws of 1895	155 77	
	Repaving—Chapter 87, Laws of 1897	766 96	
	Widening, Repaving and Otherwise Improving Roadways of Streets, Borough of Manhattan	10,721 25	
	Fund for Topographical Bureau, Borough of Queens	581 35	
	Repaving Streets, Borough of Queens	451 02	
	Fund for Topographical Bureau, Borough of Richmond	182 95	
	Refuse Destructor at Clifton, Borough of Richmond—Construction	137 50	
	Repaving Streets, Borough of Richmond	396 89	
	Sanitary Sewer for Sea View Hospital	5,435 12	
	Bridge to Carry Jerome Avenue over to the Mosholu Parkway Drive and Approaches, Borough of The Bronx—Construction of	60 00	
	Construction of Webster Avenue Relief Sewer, Borough of The Bronx	54 00	
	Drainage and Sewerage District Plans, Borough of The Bronx	1,100 00	
	Fund for Topographical Bureau, Borough of The Bronx	127 98	
	Grand Boulevard and Concourse—Construction of Transverse Roads at East 165th Street, East 167th Street, Burnside Avenue and East 204th Street	22 50	
	Grand Boulevard and Concourse—Construction of Transverse Roads at Bedford Park Boulevard, 170th to 174th Street	60 00	
	Repaving Streets, Borough of The Bronx	7,314 89	
	Repaving, etc., East 149th Street, from Morris Avenue to Mott Avenue	54 00	
	Anti-toxine Fund	3,810 18	
	Street Improvement Fund	171,136 82	
	Construction of Private Sewers, Borough of Brooklyn	134 46	
	Construction of Private Sewers, Borough of Queens	29 00	
	Department of Education—Maintenance of Training Schools	47 85	
	Department of Education—Special High School Fund	3,125 11	
	Excise Taxes	200,433 85	
	Fund for Gratuitous Vaccination	594 00	
	General Fund	1,630,104 91	
	Maintenance and Improvement of Public Parks on Brooklyn Heights, Borough of Brooklyn	17 50	
	New York and Brooklyn Bridge—Maintenance and Repairs, 1911	11,585 85	
	Normal College—Special High School Fund	270 00	
	Public School Library Fund	28 62	
	Rapid Transit Railroad Rental—Interest on Bonds, Boroughs of Brooklyn and Manhattan	66,369 25	
	Restoring and Repaving, Special Fund, Borough of The Bronx	290 97	
	Restoring and Repaving, Special Fund, Borough of Brooklyn	3,265 04	
	Restoring and Repaving, Special Fund, Borough of Manhattan	2,926 71	
	Restoring and Repaving, Special Fund, Borough of Queens.	548 00	
	Restoring and Repaving, Special Fund, Borough of Richmond	647 15	
	Restoring Pavements—Section 391 of Charter	397 50	
	Sheriff's Fees, County of New York	2,956 47	
	Water Meter Fund No. 2	104 53	
	Water Revenue, Borough of Brooklyn, 1911	21,489 50	
	Revenue Bonds of 1911	8,200,000 00	
	Maintenance and Distribution of Water Supply, Borough of Brooklyn, 1911	70,414 58	
	Borough of Queens	9 20	
	Exempt or Veteran Volunteer Firemen's Association, Borough of Queens	725 63	
	Exempt or Veteran Volunteer Firemen's Association, Borough of Richmond	339 34	
	Firemen's Association of State of New York	328 40	
	Fines and Penalties Held in Trust for Various Societies	875 00	
	Unclaimed Salaries and Wages	503 50	
	Refunding Assessments Paid in Error, Borough of The Bronx	1,197 83	
	Refunding Assessments Paid in Error, Borough of Brooklyn	856 48	
	Refunding Assessments Paid in Error, Borough of Manhattan	15 24	
	Refunding Assessments Paid in Error, Borough of Richmond	4,393 85	
	Refunding Taxes Paid in Error, Borough of The Bronx	548 77	
	Refunding Taxes Paid in Error, Borough of Brooklyn	5,222 57	
	Refunding Taxes Paid in Error, Borough of Queens	36 65	
	Water Rents, Borough of Brooklyn—Refunding Account	26 00	
			$11,847,862 22
	1905.		
	Department of Education—Special School Fund, Borough of Manhattan	$30 13	
	Department of Education—Special School Fund, Borough of Queens	187 50	
	Department of Water Supply, Gas and Electricity—Water Supply, Boroughs of Manhattan and The Bronx	485 31	
	1909.		
	Department of Water Supply, Gas and Electricity—Water Supply, Boroughs of Manhattan and The Bronx	272 22	

	Dr.		
	1910.		
1911 Oct. 31	To Department of Finance	$9 45	
	Department of Docks and Ferries—Bureau of Engineering	3,419 31	
	Bureau of Superintendence	135 48	
	Bureau of Ferries	655 17	
	Department of Bellevue and Allied Hospitals	15 43	
	Department of Health—Division of Chief Clerk	44 00	
	Department of Health—Division of Communicable Diseases.	40 53	
	Department of Water Supply, Gas and Electricity—General Administration	21 00	
	Water Supply, Boroughs of Manhattan and The Bronx.	2,041 50	
	Water Supply, Borough of Richmond	72 00	
	Heat, Light and Power—Bureau of Lamps and Lighting—Boroughs of Manhattan and The Bronx	10 00	
	Department of Public Charities—Institutions, Boroughs of Manhattan and The Bronx	14 00	
	Department of Public Charities—Institutions, Boroughs of Brooklyn and Queens	740 00	
	Police Department	53 68	
	Fire Department, Borough of Manhattan	423 80	
	Fire Department, Borough of Queens	7 50	
	Department of Parks, Boroughs of Manhattan and Richmond	410 65	
	Department of Education—Special School Fund—General Supplies	2 52	
	General Repairs	569 05	
	Furniture and Repairs	34 90	
	Electrical Installation and Repairs	1,634 00	
	Contingencies	2 00	
	Board of Coroners, Borough of Queens	81 38	
	Armory Board, Boroughs of Manhattan and The Bronx	491 36	
	Rents	58 65	
	Municipal Courts, City of New York—Borough of The Bronx	90	
	President, Borough of Manhattan—Bureau of Highways	46 84	
	Bureau of Sewers	28 98	
	Bureau of Public Buildings and Offices	412 50	
	Maintenance of Public Baths and Comfort Stations	5,333 75	
	County of New York—St. Joseph's Institution for the Improved Instruction of Deaf Mutes	2,340 96	
	County of Kings—Institution for the Improved Instruction of Deaf Mutes	321 98	
	County of Kings—New York Institution for Instruction of Deaf and Dumb	937 05	
	County of Kings—St. Joseph's Institution for Improved Instruction of Deaf Mutes	1,236 58	
	County of Queens—County Clerk	115 28	
	County of Queens—Institution for the Improved Instruction of Deaf Mutes	18 97	
	County of Queens—New York Institution for the Instruction of Deaf and Dumb	90 14	
	County of Queens—St. Joseph's Institution for the Improved Instruction of Deaf Mutes	147 26	
	County of Richmond—St. Joseph's Institution for the Improved Instruction of Deaf Mutes	46 85	
	1911.		
	The Mayoralty	2,795 05	
	The Mayoralty—Bureau of Licenses	5,848 81	
	The Mayoralty—Bureau of Weights and Measures	4,034 13	
	Board of Aldermen and City Clerk	22,678 38	
	Department of Finance	77,104 56	
	Department of Finance—The Chamberlain	3,988 28	
	Interest on the City Debt	8,246,515 61	
	Redemption of the City Debt	100,000 00	
	Installments Payable in 1911	2,116 67	
	Rents	5,305 00	
	Expenses Incurred by the Comptroller in the Preparation of Standard Specifications for Contracts	265 00	
	Expenses of the Committee of the Board of Estimate and Apportionment for the Purpose of the Budget Exhibit	841 90	
	Law Department	52,025 84	
	Department of Bridges—General Administration	7,627 82	
	Bridge over the Harlem River and in Borough of Manhattan	11,669 01	
	Bridge over Newtown Creek and in Borough of Queens.	6,482 34	
	Boroughs of Brooklyn and Richmond	5,119 15	
	Borough of The Bronx	2,956 51	
	Queensboro Bridge	3,117 10	
	Manhattan Bridge	915 70	
	Department of Docks and Ferries—General Administration	5,637 32	
	Bureau of Accounts	3,079 15	
	Bureau of Engineering	5,872 63	
	Bureau of Superintendence	11,936 46	
	Bureau of Ferries	10,450 35	
	Tenement House Department	63,262 82	
	Department of Bellevue and Allied Hospitals	21,699 49	
	Department of Correction	45,908 93	
	Department of Health—General Administratoin	8,620 65	
	Bureau of Records	5,275 92	
	Division of Chief Clerk	9,907 79	
	Division of Child Hygiene	28,384 41	
	Infants' Milk Depots	2,915 37	
	Division of Contagious Diseases	19,459 72	
	Division of Communicable Diseases	16,023 99	
	Division of General Sanitary Inspection	10,284 79	
	Division of Food Inspection	3,608 04	
	Division of Milk Inspection, City and Country	7,276 01	
	Laboratories—Research and Vaccine	6,599 50	
	Laboratories—Chemical	1,027 34	
	Laboratories—Drug	926 80	
	Hospitals—Willard Parker and Reception	4,117 08	
	Hospitals—Hospital Clinics for Contagious Eye Diseases	1,824 43	
	Hospital—Riverside	2,536 64	
	Hospital—Kingston Avenue	3,188 32	
	Hospital—Hospital for Physicians and Nurses	375 00	
	Hospital—Tuberculosis Sanatorium, Otisville	2,490 95	
	Hospital—Hospital Service, Borough of Richmond	248 00	
	Department of Water Supply, Gas and Electricity—Departmental Administration	8,192 12	
	Water Supply—Administration	6,422 21	
	Water Supply, Boroughs of Manhattan and The Bronx.	55,525 49	
	Water Supply, Borough of Brooklyn	4,537 82	
	Water Supply, Borough of Queens	9,144 86	
	Water Supply, Borough of Richmond	10,152 08	
	Heat, Light and Power—General Administration	5,619 99	
	Heat, Light and Power—Bureau of Lamps and Lighting—Boroughs of Manhattan and The Bronx	88,585 60	
	Heat, Light and Power—Bureau of Electrical Inspection—Boroughs of Manhattan and The Bronx	4,187 31	
	Heat, Light and Power—Bureau of Lamps and Lighting—Borough of Brooklyn	10,457 68	
	Heat, Light and Power—Bureau of Electrical Inspection—Borough of Brooklyn	1,984 82	
	Heat, Light and Power—Bureau of Lamps and Lighting—Borough of Queens	36,476 30	
	Heat, Light and Power—Bureau of Electrical Inspection—Borough of Queens	1,716 02	
	Heat, Light and Power—Bureau of Lamps and Lighting—Borough of Richmond	1,126 62	
	Department of Public Charities—General Administration	7,476 67	
	Administration—Boroughs of Manhattan and The Bronx	9,088 61	
	Institutions—Boroughs of Manhattan and The Bronx	26,155 85	
	Institutions—Boroughs of Brooklyn and Queens	4,638 17	
	Administration—Borough of Richmond	1,355 69	
	Miscellaneous	300 00	
	Police Department	463,213 42	
	Board of Ambulance Service	649 99	
	Board of Elections	166 25	
	Board of City Record	9,648 87	
	Department of Street Cleaning—General Administration	7,613 61	
	Borough of Manhattan	92,007 00	
	Borough of Brooklyn	38,000 30	
	Borough of The Bronx	15,054 79	
	Fire Department—General Administration—Boroughs of Manhattan, The Bronx and Richmond	22,529 98	
	Borough of Manhattan	6,671 35	
	Borough of The Bronx	24 00	
	Borough of Richmond	1,057 98	
	Borough of Brooklyn	2,927 42	

1911	Dr.		
Oct. 31	To Fire Department (Continued)—		
	Borough of Queens	$2,150 45	
	Uniformed Force, All Boroughs	422,271 61	
	Department of Parks—		
	Park Board—General Administration	2,191 64	
	Boroughs of Manhattan and Richmond	35,962 74	
	Borough of The Bronx	18,364 05	
	Boroughs of Brooklyn and Queens	14,378 29	
	Department of Education—Special School Fund—		
	Maintenance	7,357 35	
	General Supplies	24,243 80	
	General Repairs	21,399 60	
	Furniture and Repairs	4,619 60	
	Fuel	15,084 16	
	Hired Teams, Horses and Carts	2,473 75	
	Contingencies	667 44	
	Compensation of Janitors	2,932 43	
	Transportation of Pupils	432 39	
	Maintenance of Truants in New York Catholic Protectory	2,532 81	
	Department of Education—General School Fund	1,289,525 39	
	College of City of New York	51,512 70	
	Normal College, City of New York	29,334 20	
	Brooklyn Disciplinary Training School for Boys	87 20	
	Commissioners of Accounts	16,066 20	
	Commissioner of Licenses	4,074 96	
	Board of Coroners—		
	Borough of Manhattan	5,128 43	
	Borough of The Bronx	2,316 65	
	Borough of Brooklyn	2,787 22	
	Borough of Queens	1,674 70	
	Borough of Richmond	972 40	
	Municipal Civil Service Commission	10,403 23	
	Board of Assessors	3,354 14	
	Examining Board of Plumbers	6 04	
	Department of Taxes and Assessments	40,916 79	
	Board of Estimate and Apportionment	1,235 58	
	Permanent Census Board	2,669 45	
	The Armory Board—		
	General Administration	1,052 99	
	Boroughs of Manhattan and The Bronx	431 63	
	Boroughs of Broklyn and Queens	858 54	
	New York Public Library—Astor, Lenox and Tilden Foundations	30,503 75	
	The Queensboro Public Library	12,245 66	
	The City Court of New York	19,358 28	
	City Magistrate's Court, First Division	30,423 78	
	City Magistrate's Court, Second Division	27,083 64	
	Court of Special Sessions	22,388 30	
	Municipal Courts, City of New York—		
	Borough of Manhattan	43,120 46	
	Borough of The Bronx	3,546 79	
	Borough of Brooklyn	19,278 36	
	Borough of Queens	5,441 00	
	Borough of Richmond	2,766 62	
	Miscellaneous	108 33	
	Catholic Home Bureau	572 50	
	Flushing Hospital and Dispensary	1,202 15	
	German Hospital and Dispensary	149 25	
	House of the Good Shepherd	3,068 52	
	International Sunshine Bureau for the Blind	462 00	
	Missionary Sisters, Third Order of St. Francis	1,925 04	
	Manhattan Eye, Ear and Throat Hospital	699 65	
	New York Nursery and Child's Hospital	6,138 53	
	New York Infirmary for Women and Children	191 90	
	New York Ophthalmic Hospital	831 95	
	Norwegian Lutheran Deaconesses' Home and Hospital	948 00	
	New York Magdalen Benevolent Society	1,402 66	
	St. Marks' Hospital of New York City	34 40	
	St. Catherine's Hospital	2,719 47	
	Society for the Aid of Friendless Women and Children	622 43	
	St. John's Guild—Payable in 12-month Installments	1,875 00	
	Sanitarium for Hebrew Children—Payable in 12 monthly Installments	625 00	
	St. Joseph's Hospital (Borough of Queens)	489 70	
	St. Gregory's Emergency Hospital	126 05	
	St. Michael's Home	1,358 69	
	St. Malachy's Home	8,187 34	
	Sloane Maternity Hospital	288 39	
	St. Vincent's Hospital (Borough of Richmond)	802 65	
	The New York Society for the Relief of the Ruptured and Crippled	1,936 44	
	The Swedish Hospital, Borough of Brooklyn	503 00	
	Washington Heights Hospital	258 05	
	Beth David Hospital	105 95	
	Hospitals for Deformities and Joint Diseases	593 33	
	Ambulances	525 00	
1911. Oct. 31	To Jewish Maternity Hospital	$1,019 54	
	Advertising	1,109 44	
	Commissioners of the Sinking Fund	254 16	
	Salaries of General Interpreters (Borough of Brooklyn)	850 00	
	Board of Building Examiners	725 00	
	The Expenses of the Art Commission	412 50	
	The Cost of Commitments of Insane Persons	250 00	
	Board of Parole	40 30	
	President, Borough of Manhattan—		
	General Administration	13,136 09	
	Bureau of Highways	17,507 42	
	Bureau of Sewers	10,036 76	
	Bureau of Public Buildings and Offices	46,441 18	
	President, Borough of The Bronx—		
	General Administration	7,095 55	
	Bureau of Highways	11,534 92	
	Bureau of Sewers	4,311 84	
	Bureau of Public Buildings and Offices	1,960 63	
	Bureau of Buildings	2,905 61	
	President, Borough of Brooklyn—		
	General Administration	2,029 94	
	Bureau of Highways	25,225 87	
	Bureau of Sewers	19,282 19	
	Bureau of Public Buildings and Offices	28,517 89	
	Bureau of Buildings	15,152 36	
	President, Borough of Queens—		
	General Administration	4,111 72	
	Bureau of Highways	13,013 96	
	Bureau of Sewers	5,094 03	
	Bureau of Street Cleaning	10,354 45	
	Bureau of Public Buildings and Offices	649 46	
	Bureau of Buildings	3,835 76	
	President, Borough of Richmond—		
	General Administration	4,495 81	
	Bureau of Engineering	262 56	
	Bureau of Highways	7,551 89	
	Bureau of Sewers	2,524 48	
	Bureau of Street Cleaning	8,337 73	
	Bureau of Public Buildings and Offices	2,290 08	
	Bureau of Buildings	1,766 65	
	County of New York—		
	Supreme Court, First Department	69,478 24	
	Surrogate's Court	14,424 01	
	Court of General Sessions	26,060 85	
	Register	26,026 62	
	County Clerk	11,597 76	
	Commissioner of Records	6,403 26	
	District Attorney	28,811 06	
	Sheriff	10,578 19	
	Commissioner of Jurors	4,294 59	
	Public Administrator	2,127 47	
	National Guard and Naval Militia	13,539 25	
	Fees and Expenses of Jurors	23,488 10	
	County of Kings—		
	Supreme Court, Second Department	27,198 55	
	Surrogate's Court	7,222 44	
	County Court	11,695 75	
	Register	17,891 32	
	County Clerk	6,147 16	
	Commissioner of Records	7,827 95	
	District Attorney	9,335 33	
	Sheriff	6,487 41	
	Commissioner of Jurors	2,985 99	
	National Guard and Naval Militia	10,749 25	
	Law Library (Borough of Brooklyn)	733 33	
	County of Queens—		
	Supreme Court	2,092 66	
	Surrogate's Court	1,918 33	
	County Court	2,646 57	
	County Clerk	64 96	
	District Attorney	2,156 47	
	Sheriff	1,120 81	
	Commissioner of Jurors	789 16	
	The National Guard	434 00	
	County of Richmond—		
	Supreme Court	416 66	
	County Court and Surrogate's Court	1,329 16	
	County Clerk	1,498 27	
	District Attorney	737 49	
	Commissioner of Jurors	388 45	
	Compensation of Court Interpreter	83 33	
			$12,771,334 72
			$24,619,196 94
	Balance		51,355,366 31
			$75,974,563 25

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

The Commissioners of the Sinking Funds of the City of New York in Account with Robert R. Moore, Chamberlain, for and during the Week Ending October 31, 1911.

1911					Sinking Fund for the Redemption of the City Debt.		Sinking Fund for the Payment of Interest on the City Debt.		Sinking Fund, Redemption No. 2.		Sinking Fund, Brooklyn.		Sinking Fund of The City of New York.	
					Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
Oct. 31	By Balance as per last account current					$2,665,535 27		$2,002,202 50		$617,139 69		$436,113 64		
Oct. 31	Privileges	Collector Assessments		$928 75										
	Rent			6,949 07										
	Sales			2,700 00										
	Franchises			344,731 37										
	Street Vaults, Borough of Manhattan	McAneny	$5,220 20											
	Street Vaults, Borough of The Bronx	Miller	92 65											
				5,312 85										
	Licenses	Bulger		450 25										
	Rents—Department of Docks	Tomkins		26,034 08										
	Sundry Licenses, Boroughs of Manhattan and The Bronx	Wallace	$3,397 50											
	Sundry Licenses, Borough of Brooklyn	Bracken	984 25											
	Sundry Licenses, Borough of Queens	Corbett	100 50											
				4,482 25										
						$391,588 62								
	Arrears Croton Water Rents, City of New York	Ebstein		$53,401 90										
	Arrears Croton Water Rents, City of New York	Collector Assessments		14,252 66										
	Interest Croton Water Rents, City of New York	"		2,134 42										
	Arrears Croton Water Rents, 1897, etc.	"		641 50										
	Interest Croton Water Rents, 1897, etc.	"		747 59										
	Croton Rents and Penalties, Borough of Manhattan	Kiely	$153,635 05											
	Croton Rents and Penalties, Borough of The Bronx	Nugent	47,999 08											
				201,634 13										
	Rents	Goodacre		1,383 39										
	Tolls	Tomkins		24,830 03										
	Privileges	"		301 00										
	Court Fees and Fines	Moran		140 00										
								$299,416 62						
	Prospect Park Improvement, Installments	Collector Assessments		781 96										
	Prospect Park Improvements, Full Payment	"		75 35										
	Interest on Prospect Park Improvements, Installments	"		83 85										

				Sinking Fund for the Redemption of the City Debt.		Sinking Fund for the Payment of Interest on the City Debt.		Sinking Fund, Redemption No. 2.		Sinking Fund, Brooklyn.		Sinking Fund of The City of New York.	
				Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
1911 Oct. 31	By Bond and Mortgage, East Side Park Lands	Goodacre	3,794 00										
	Interest on Bond and Mortgage, East Side Park Lands	"	61 87								$4,797 03		
	To Sinking Fund, Interest					588,986 79							
	Sinking Fund Redemption No. 2							$200,000 00					
	Sinking Fund, Borough of Brooklyn									$300,000 00			
	Balances			$3,057,123 89		$1,712,632 33		$417,139 69		$140,910 67			
				$3,057,123 89	$3,057,123 89	$2,301,619 12	$2,301,619 12	$617,139 69	$617,139 69	$440,910 67	$440,910 67		
1911. Oct. 31	By Balances				$3,057,123 89		$1,712,632 33		$417,139 69		$140,910 67		

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

The Commissioners of the Sinking Funds of the City of NewYork in Account with Robert R Moore, Chamberlain, for and during the Week Ending October 31, 1911.

				Water Sinking Fund, of the City of New York.		Water Sinking Fund of the City of Brooklyn		Sinking Fund of Long Island City for the Redemption of REVENUE Bonds.		Sinking Fund of Long Island City for the Redemption of FIRE Bonds.		Sinking Fund of Long Island City for the Redemption of WATER Bonds.	
				Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
1911. Oct.21	By Balance as per last Account Current						$100,903 96				$2,015 39		$2,164 54
Oct.21	Annual Installments										1,166 67		
Oct.31	" "												950 00
	To Water Sinking Fund, City of Brooklyn					$781 48							
	Balance					$100,122 48				$3,182 06		$3,114 54	
						$100,903 96	$100,903 96			$3,182 06	$3,182 06	$3,114 54	$3,114 54
	By Balance, October 31, 1911						$100,122 48				$3,182 06		$3,114 54

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

The City of New York in Account with Robert R. Moore, Chamberlain, During the Week Ending October 31, 1911.

	Dr.		
1911. Oct. 31	To Jury Fees, New York County	$10,920 00	
	Jury Fees, Kings County	4,252 00	
	Jury Fees, Queens County	1,713 92	
	Jury Fees, Richmond County	388 80	
			$17,274 72
	Balance, Jury Fees, New York County	$94,625 00	
	Balance, Jury Fees, Kings County	26,340 00	
	Balance, Jury Fees, Queens County	17,197 51	
	Balance, Jury Fees, Richmond County	2,352 00	
			140,514 51
			$157,789 23
	Cr.		
1911. Oct. 21	By Balance, Jury Fees, New York County	$5,545 00	
	Balance, Jury Fees, New York County	30,592 00	
	Balance, Jury Fees, Kings County	18,911 43	
	Balance, Jury Fees, Queens County	2,740 80	
	Balance, Jury Fees, Richmond County		$57,789 23
Oct. 31	Jury Fees, New York County		100,000 00
			$157,789 23
October 31, 1911.	By Balance		$140,514 51

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

The City of New York in Account with Robert R. Moore, Chamberlain, During the Week Ending October 31, 1911.

1911.	**Dr.**		
Oct. 31	To Interest Registered		$2,997 99
	Balance		10,476,697 79
			$10,479,695 78
1911.	**Cr.**		
Oct. 21	By Balance		37,078 67
Oct. 31	Interest Registered		10,442,617 11
			$10,479,695 78
October 31, 1911.	By Balance		$10,476,697 79

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

The City of New York in Account with Robert R. Moore, Chamberlain, During the Week Ending October 31, 1911.

1911.	**Dr.**		
Oct. 31	To Witness Fees, New York County		$571 30
	Balance, Witness Fees, New York County	$5,070 45	
	Balance, Witness Fees, Queens County	860 34	
	Balance, Witness Fees, Richmond County	343 60	
			6,274 39
			$6,845 69
1911.	**Cr.**		
Oct. 21	By Balance, Witness Fees, New York County	$5,641 75	
	Balance, Witness Fees, Queens County	860 34	
	Balance, Witness Fees, Richmond County	343 60	
			$6,845 69
			$6,845 69
October 31, 1911.	By Balance		$6,274 39

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

APPROVED PAPERS.

For the Week Ending December 2, 1911.

No. 1638.

Resolved, That the following named persons be and they are hereby appointed Commissioners of Deeds:

W. D. Sloane, 887 Manhattan ave., Brooklyn; Martha N. Cohenno, 141 W. 127th st., Manhattan; J. E. Brendel, 2529 Atlantic ave., Brooklyn.

Adolph Vanrein, 1139 Lafayette ave., Brooklyn; Philip Wirth, 247 Harman st., Brooklyn.

William Ladew, 769 1st ave., Manhattan.

Max E. Bernheimer, 39 W. 72d st., Manhattan.

Joseph D. Brockway, 737 St. Nicholas ave., Manhattan.

Wm. F. Howe, 475 W. 159th st., Manhattan; Benjamin Weiss, 559 W. 171st st., Manhattan.

Joseph Antonucci, 547 Boulevard, Rockaway Beach, Queens; Joseph F. Hoffmann, 236 Madison ave., Glendale, Queens; Wm. H. Moller, 103 Foxall st., Ridgewood, Queens.

Herman Friedman, 237 W. 111th st., Manhattan; W. J. Hampton, 884 Amsterdam ave., Manhattan; H. F. Unser, 300 W. 111th st., Manhattan; William Douglas Lovelace, 204 W. 111th st., Manhattan.

Richard J. Werhan, 507 10th st., Brooklyn; Joseph W. Conklin, 501 12th st., Brooklyn; Raymond P. McNulty, 100 Prospect Park West, Brooklyn.

Thos. A. Shaw, 295 Prospect place, Brooklyn; Frank Vance, 262 Pearl st., Manhattan; Ralph Copeland, 628 Washington ave., Brooklyn.

Richard L. Stafford, Port Richmond, Richmond.

John T. C. Lombardi, 433 Lincoln road, Brooklyn.

Margaret P. White, 174 Coffey st., Brooklyn; Frank T. Leonard, 1796 W. 9th st., Brooklyn; Jas. F. Butler, 190 Montague st., Brooklyn.

B. Goldschmidt, 168 E. 96th st., Manhattan.

Harry Wishnew, 406 Pulaski st., Brooklyn; A. Loeb Salkin, 473 Kosciusko st., Brooklyn.

Morris Nechmias, 50 Avenue D, Manhattan; Isidore Langsan, 726 E. 6th st., Manhattan.

Joseph J. Dilgen, 498 13th st., Brooklyn; D. S. Coe, 1398 Union st., Brooklyn; George J. Brown, 26 Court st., Brooklyn; Henry J. Andrews, 174 Fulton st., Brooklyn.

Charles J. Masone, 69 Truxton st., Brooklyn; Lillian M. Black, 106 Buffalo ave., Brooklyn; Maxwell V. Lovins, 712 Broadway, Brooklyn; Arthur W. Wicksman, 29 Jamaica ave., Brooklyn.

Frank M. Pepe, 38 King st., Manhattan; Maurice F. Killeen, 109 Washington st., Manhattan.

Bennett S. Drew, 11 Borden ave., L. I. City, Queens; Joseph Silverstone, 253 Steinway ave., L. I. City, Queens.

Marcus Palley, 414 Rockaway ave., Brooklyn.

William C. Howell, 9 Arlington place, Brooklyn; Leo Wolfson, 558 Quincy st., Brooklyn.

Frank J. Heuser, 657 Eagle ave., Bronx; W. B. Banister, 866 E. 156th st., Bronx.

William Henry Folsom, 147 E. 72d st., Manhattan; Louis K. Ferry, 332 W. 58th st., Manhattan; Henry Fletcher, 2 E. 63d st., Manhattan.

John H. Madden, 272 Marcy ave., Brooklyn.

J. E. Brendel, 2529 Atlantic ave., Brooklyn.

Frank A. Campbell, 2784 Bainbridge ave., Bronx.

Myer Keller, 1813 Crotona ave., Bronx.

Oscar N. Cacciola, 16 2d st., Brooklyn.

Adolph Galzman, 78 Delancey st., Manhattan; Alex. B. Greenberg, 874 Longwood ave., Bronx.

Martin J. Cooke, 504 W. 57th st., Manhattan.

Harry J. Loomis, 71 Stuyvesant ave., Brooklyn.

A. J. H. Leuchtag, 109 W. 113th st., Manhattan; Julius Lefkowitz, 127 W. 137th st., Manhattan; Abraham N. Pearlman, 101 W. 118th st., Manhattan; Louis Jacobs, 59 W. 114th st., Manhattan; Sigmund Wechsler, 101 W. 115th st., Manhattan; Anna Kaplan, 100 W. 117th st., Manhattan.

Louis J. Frank, 1419 46th st., Brooklyn; Selma J. Spandau, 813 De Kalb ave., Brooklyn; C. Curtis, 613 45th st., Brooklyn.

Samuel F. Taggart, 246 17th st., Brooklyn.

Edna A. Stokes, 1040 Park place, Brooklyn.

Braddin Hamilton, 61 E. 55th st., Manhattan.

John P. Kivlen, 6904 New Utrecht ave., Brooklyn; Samuel Sidney Silver, 1043 40th st., Brooklyn.

Leon Bleecker, 54 1st st., Manhattan; Giovanni Di Guiseppe, 446 E. 13th st., Manhattan.

E. M. Hawkins, 52 W. 92d st., Manhattan; Milton Frank, 409 W. 145th st., Manhattan; Jacob Luckstone, 146 W. 82d st., Manhattan.

Webster F. Williams, Husson ave., Hollis, Queens.

Samuel Abrahams, 16 Utica ave., Brooklyn.

K. E. Gregg, 23 Park row, Manhattan; H. F. Marker, 132 Nassau st., Manhattan; William Levine, 35 Nassau st., Manhattan; W. J. Chabot, 133 William st., Manhattan.

Ernst Neumann, 1044 Lexington ave., Manhattan.

Roland E. Ellis, 381 4th ave., Manhattan.

Edmund W. Throckmorton, 82 W. 12th st., Manhattan.

Catherine E. Ryan, 402 W. 51st st., Manhattan.

Lewis Stock, 2710 Decatur ave., Bronx; Daniel Schwartz, 221 E. 7th st., Manhattan; Isador Bernstein, 85 Bayard st., Manhattan.

Adopted by the Board of Aldermen November 21, 1911.

No. 1639.

Resolved, That, in pursuance of the provisions of section 419 of the Greater New York Charter, the Commissioner of Correction be and he is hereby authorized and empowered to purchase an automobile in the open market without public letting, at a cost not to exceed two thousand five hundred dollars ($2,500).

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1640.

Resolved, Pursuant to section 419 of the charter of The City of New York, the President of the Borough of Queens be and is hereby authorized to purchase in open market, without public letting, all materials and supplies, and procure the necessary labor for the installation in the Queens County Court House, Borough of Queens, of one elevator, at a cost not to exceed three thousand dollars ($3,000), this Board deeming it to the public interest so to do.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1641.

Resolved, That, pursuant to section 188, subdivision 8, of the Charter of The City of New York, the Comptroller be and is hereby authorized to issue special reve-

nue bonds in the sum of seven hundred and fifty dollars ($750), the proceeds whereof to be expended by the President of the Borough of Queens to pay the salary of an Assistant Commissioner of Public Works for the months of October, November and December, 1911

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1642.

Resolved, That, in pursuance of the provisions of section 419 of the Greater New York Charter, the Chief Justice of the Court of Special Sessions of The City of New York be and he is hereby authorized and empowered to enter into a contract, without public letting, for furnishing and equipping the Court of Special Sessions of The City of New York, County of Kings, located on the corner of Atlantic ave. and Clinton st., in the Borough of Brooklyn, at a cost not to exceed seven thousand five hundred dollars ($7,500).

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1643.

Resolved, That, in pursuance of the provisions of section 419 of the Greater New York Charter, the President of the Borough of Manhattan be and he is hereby authorized and empowered to fit up, equip and furnish the premises, 207 E. 32d st., for the uses of the Fourth District Municipal Court, without public letting, at a cost not to exceed nine thousand dollars ($9,000).

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1644.

Resolved, That, in pursuance of the provisions of section 419 of the Greater New York Charter, the trustees of Bellevue and Allied Hospitals be and they are hereby authorized and empowered to purchase an electric truck, in the open market without public letting, at a cost not to exceed four thousand dollars ($4,000).

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1645.

Resolved, That, pursuant to section 419 of the Charter of The City of New York, the Board of Aldermen, deeming it for the public interests, do hereby authorize the President of the Borough of Queens to expend, without public letting, an amount not exceeding three thousand dollars ($3,000), for the purposes of dredging a channel at the foot of 5th ave., from the end of the existing sewer 1,700 feet out into Flushing Bay, in the Third Ward of the Borough of Queens.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1646.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of one thousand and sixty-six dollars and eighty-six cents ($1,066.86), the proceeds whereof to be used by the County Judge of Queens County for the purpose of paying salaries of two County Detectives in said office.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1647.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of one thousand two hundred and thirty-five dollars and thirty-three cents ($1,235.33), the proceeds whereof to be used by the Sheriff of New York County for the purpose of providing for expenditures in connection with the primary election held on Tuesday, September 26, 1911.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1648.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of one thousand one hundred and fifty dollars ($1,150), the proceeds whereof to be used by the Chief of the Bureau of Licenses for the purpose of paying salaries of additional force, as follows:

Clerks, 4 at $100 per month	$800 00
Stenographer and Typewriter, 1 at $100 per month	200 00
Telephone Operator, 1 at $75 per month	150 00
	$1,150 00

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1649.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of two thousand four hundred and sixty-seven dollars and sixty-seven cents ($2,467.67), the proceeds whereof to be used by the Commissioner of Public Charities for the purpose of paying salaries of employees as follows:

Pathologist	$250 00
Examiner	58 06
Examiner	151 61
Examiner	300 00
Mason	500 00
Fire Expert	200 00
Gardener	500 00
Lecturers	430 00
Examiners, 2	78 00

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1650.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of three thousand seven hundred and sixty dollars ($3,760), the proceeds whereof to be used by the Board of Health for the purpose of paying employees as follows:

Medical Inspectors, 8 at $100 per month	$800 00
Nurses, 22 at $75 per month	1,650 00
Nurses Assistants, 22 at $40 per month	880 00
Cleaners, 11 at $30 per month	330 00
Clerks, 2 at $50 per month	100 00
	$3,760 00

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1651.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of five hundred dollars ($500), the proceeds whereof to be used by the Board of Education for the purpose of defraying expenses in connection with centennial celebration at Public School 2, Manhattan.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1652.

Resolved, That, pursuant to section 419 of the Greater New York Charter, the Commissioner of Parks for the Boroughs of Manhattan and Richmond, be and he is hereby authorized to enter into a contract or contracts, without public letting, for the proposed work to be done in connection with the erection of the Carl Schurz Memorial at 116th st. and Morningside Park, under the corporate stock appropriation of $25,000 approved by this Board under date of July 25, 1911.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1653.

Resolved, That permission be and the same is hereby given to John J. McGrath to erect, place and keep a storm door within the stoop line in front of his premises, 100 W. 132d st., in the Borough of Manhattan, provided the said storm door shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1654.

Resolved, That permission be and the same is hereby given to the United Sample Shoe Company to parade an advertising man through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only for the period of 30 days from the receipt hereof from his honor, the Mayor.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1655.

Resolved, That permission be and the same is hereby given to Mortimer Rossheim, of the Broadway Electrical Novelty House, 324 Bowery, to parade three men with advertising signs through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only for the period of 30 days from the receipt hereof from his honor, the Mayor.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1656.

Resolved, That permission be and the same is hereby given to A. Borrone to erect, place and keep storm doors in front of his premises, 22 Mulberry st., in the Borough of Manhattan, provided the said storm doors shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1657.

Resolved, That permission be and the same is hereby given to A. Bolink to erect, place and keep a storm door in front of his premises on the northeast corner of 4th ave. and 10th st., in the Borough of Manhattan, provided the said storm door shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1658.

Resolved, That permission be and the same is hereby given to Michael Hefferan to erect, place and keep four storm doors within the stoop line in front of premises on the southeast corner of 52d st. and 10th ave., in the Borough of Manhattan, provided the said storm doors shall be erected so as to conform in all respects with the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1659.

Resolved, That permission be and the same is hereby given to the Obermeyer & Liebman Brewing Company to erect, place and keep a storm door within the stoop line in front of premises, 635 11th ave., in the Borough of Manhattan, provided the said storm door shall be erected so as to conform in all respects with the ordinance in such case made and provided; the work to be done at their own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1660.

Resolved, That permission be and the same is hereby given to Bernhard Weinberger to place and keep a booth in front of premises on the northwest corner of 85th st. and 1st ave., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1661.

Resolved, That permission be and the same is hereby given to August Cervini to place and keep a booth within the stoop line in front of premises on the northwest corner of 86th st. and 3d ave., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1662.

Resolved, That permission be and the same is hereby given to John Quigley to place and keep a booth within the stoop line in front of his premises 301 W. 38th st., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1663.

Resolved, That permission be and the same is hereby given to the Loew Amusement Company to parade three women with advertising signs through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1664.

Resolved, That permission be and the same is hereby given to Daniel F. Mahony to erect, place and keep an overhead trolley, or slide, in front of his premises, 52 New Bowery, in the Borough of Manhattan, the said overhead trolley, or slide, to be securely fastened and to be used only for conveying merchandise from trucks at the curb line to the premises of the aforesaid Daniel F. Mahony, at the above location; the work to be done at his own expense, under the direction of the President of the Borough; said permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1665.

Resolved, That permission be and the same is hereby given to John Branigan to place and keep a booth within the stoop line in front of his premises on the southwest corner of 99th st. and Columbus ave., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1666.

Resolved, That permission be and the same is hereby given to N. Calamaras to place and keep a booth within the stoop line on the 14th st. side of premises on the southeast corner of 14th st. and 2d ave., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1667.

Resolved, That permission be and the same is hereby given to Patrick J. Kearney to place and keep a watering trough on the sidewalk, near the curb, in front of the premises on the southwest corner of 70th st. and 18th ave., in the Borough of Brooklyn; the work to be done and water supplied at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1668.

Resolved, That permission be and the same is hereby given to M. Usdansky to place and keep a booth within the stoop line in front of premises 672 6th ave., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1669.

Resolved, That permission be and the same is hereby given to the Brown & Harvey Taxi Company to place and keep a booth within the stoop line in front of the Garden Restaurant, on the southwest corner of 7th ave. and 50th st., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at said company's own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1670.

Resolved, That permission be and the same is hereby given to the Little Fur Shop, of 132 W. 34th st., to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1671.

Resolved, That permission be and the same is hereby given to McFadden's Physical Culture Restaurant Company, of 615 6th ave., to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1672.

Resolved, That permission be and the same is hereby given to the London Feather Company, of 366 6th ave., in the Borough of Manhattan, to parade an advertising man through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1673.

Resolved, That permission be and the same is hereby given to the Hotel Viking Co. to erect, place and keep a storm door within the stoop line in front of their premises 157-9 W. 124th st., in the Borough of Manhattan, provided the said storm door shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided, the work to be done at their own expense, under the direction of the President of the Borough, said permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1674.

Resolved, That permission be and the same is hereby given to the Myron Company to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1675.

Resolved, That permission be and the same is hereby given to Antonio Saimora to erect, place and keep a storm door within the stoop line in front of premises 82 Havemeyer st., in the Borough of Brooklyn, provided the said storm door shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1676.

Resolved, That permission be and the same is hereby given to Dennis Doris to erect, place and keep two storm doors within the stoop line in front of his premises 682 2d ave., in the Borough of Manhattan, provided the said storm doors shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1677.

Resolved, That permission be and the same is hereby given to Emil Craft, of 23 E. 23d st., to parade an advertising man through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1678.

Resolved, That permission be and the same is hereby given to Nat W. Levittan to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1679.

Resolved, That permission be and the same is hereby given to George O'Donnell to erect, place and keep a storm door on the Nevins st. side of his premises on the southwest corner of Warren and Nevins sts., in the Borough of Brooklyn, provided the said storm door shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1680.

Resolved, That permission be and the same is hereby given to Guiseppe Carozza to erect, place and keep storm doors within the stoop line in front of premises 2475 Belmont ave., The Bronx, provided the said storm doors shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided, the work to be done at his own expense, under the direction of the President of the Borough, such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1681.

Resolved, That permission be and the same is hereby given to Brook H. Webb to place and keep a booth within the stoop line in front of 876 Washington st., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasaure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1682.

Resolved, That permission be and the same is hereby given to L. Schaffler to erect, place and keep a storm door within the stoop line in front of his premises, 810-812 Avenue D, in the Borough of Manhattan, provided the said storm door shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1683.

Resolved, That permission be and the same is hereby given to Nicholas Ruggeri to place and keep a barber pole within the stoop line in front of his premises, 2871 Broadway, in the Borough of Manhattan, provided the said barber pole shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of

the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1684.

Resolved, That permission be and the same is hereby given to the Chelsea Methodist Episcopal Church to place transparencies on two lampposts, one at the corner of 181st st. and St. Nicholas ave., and one at the corner of 178th st. and Broadway, Borough of Manhattan; such permission to continue only for a period of thirty days, under the supervision of the President of the Borough.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1685.

Resolved, That permission be and the same is herby given to the Hamilton Grange Church to place transparencies on two lampposts, one at the corner of Amsterdam ave. and 149th st., and one at the corner of Convent ave. and 149th st., Borough of Manhattan; such permission to continue only for a period of thirty days, under the supervision of the President of the Borough.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1686.

Resolved, That permission be and the same is hereby given to Thomas Farrelly to erect, place and keep three storm doors within the stoop line in front of his premises on the southeast corner of 151st st. and Broadway, in the Borough of Manhattan, provided the said storm doors shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1687.

Resolved, That permssion be and the same is hereby given to the Excelsior Beef Company to parade two men with advertising signs through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only during the period of thirty days from the receipt hereof from his Honor the Mayor.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1688.

Resolved, That permission be and the same is hereby given to Michael McCourt to erect, place and keep a storm door within the stoop line in front of his premises, 594 Amsterdam ave., in the Borough of Manhattan, provided the said storm door shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1689.

Resolved, That permission be and the same is hereby given to the Royal Hat Renovating Company to parade a man with an advertising sign through the streets and thoroughfares of the Borough of Manhattan, under the supervision of the Police Department; such permission to continue only for the period of thirty days from the receipt hereof from his Honor the Mayor.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1690.

Resolved, That permission be and the same is hereby given to George Cummings to place and keep a booth within the stoop line in front of premises known as 201 W. 75th st., in the Borough of Manhattan, provided the said booth shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1691.

Resolved, That permission be and the same is hereby given to William H. Washer to erect, place and keep a storm door within the stoop line at 2363 Broadway, in the Borough of Manhattan, provided the said storm door shall be erected so as to conform in all respects with the ordinance in such case made and provided, not be used for advertising purposes; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No. 1692.

Resolved, That permission be and the same is hereby given to Patrick Kelly to erect, place and keep a storm door within the stoop line in front of his premises, the "Arcade," 155 Greene st., in the Borough of Brooklyn, provided the said storm door shall be erected so as to conform in all respects with the provisions of the ordinance in such case made and provided; the work to be done at his own expense, under the direction of the President of the Borough; such permission to continue only during the pleasure of the Board of Aldermen.

Adopted by the Board of Aldermen November 14, 1911.

Received from his Honor the Mayor November 28, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

No.1693.

Resolved, That the following named persons be and they are hereby appointed Commissioners of Deeds:

Jesse J. Goldburg, 2071 5th ave., Manhattan.
E. M. Homann, 1263 Bushwick ave., Brooklyn.
Edward G. Sheldon, 429 E. 51st st., Manhattan.
Chas. J. Barbuti, 586 Leonard st., Brooklyn.
Adolph S. Wasserman, 173 W. 141st st., Manhattan; Geo. B. French, 1776 Amsterdam ave., Manhattan; C. A. Crane, 535 W. 141st st., Manhattan.
Robt. H. Hahn, 570 W. 183d st., Manhattan; Pierrepont Davenport, Bolton road, Manhattan; Alfred B. McNamara, 572 W. 187th st., Manhattan.
Charles A. Brodek, Broadway, Far Rockaway, Queens.
Solon J. Liebeskind, 629 W. 115th st., Manhattan; Joseph G. Sichel, 545 W. 111th st., Manhattan; Ralph H. Raphael, 520 W. 122d st., Manhattan.
Walter B. Milkman, 244 Garfield place, Brooklyn.
D. Charles Campbell, 317 Myrtle ave., Brooklyn; A. Lloyd Lott, 189 Montague st., Brooklyn.
De Witt Stafford, Heberton ave., Port Richmond, S. I.
Frank E. Kerby, 596 Franklin ave., Brooklyn.
Matthew M. White, 131-133 Hamilton ave., Brooklyn; George Groeber, 109 Dikeman st., Brooklyn.
Luke J. Le Rolle, 63 W. 143d st., Manhattan.
John N. Lang, 28 Hopkins st., Brooklyn; Paul A. Katske, 367 Fulton st., Brooklyn; Alfred R. Miles, 35 Hart st., Brooklyn.
Isidore Langsam, 726 E. 6th st., Manhattan; Joseph H. Rabinowitz, 399 E. 18th st., Manhattan.
Charles P. Kleber, 1567 Broadway, Manhattan; Simon Anhalt, 6 Morningside ave., Manhattan.
Joseph S. Boyle, 123 Nevins st., Brooklyn; Michael J. Kelly, 293 Clinton st., Brooklyn; Thomas J. Hines, 322 State st., Brooklyn; Lauren Moody, 44 Court st., Brooklyn; Harry H. Herche, 26 Manhattan ave., Manhattan; Julius B. Baer, 37 W. 93d st., Manhattan.
Simon H. Kugel, 1758 Union st., Brooklyn; Leo. B. Cohen, 452 Howard ave., Brooklyn; Gabriel Heatter, 408 Stone ave., Brooklyn; Irving I. Kremer, 682 Eastern parkway, Brooklyn.
William W. Gleason, 164 Hull st., Brooklyn.
A. Lincoln Pittinger, 1215 Dean st., Brooklyn; Benj. A. H. Baker, 422a Hancock st., Brooklyn.
Ruth Stone, 202 Brown place, Bronx; Abraham Smith, 886 Kelly st., Bronx.
H. E. Lawrence, 96 E. 172d st., Bronx.
Herman Scheidlinger, 951 New York ave., Brooklyn.
Frank D. Chinnock, 546 8th st., Brooklyn.
Matthew C. Griffin, 2290 Aqueduct ave., Bronx; Wm. C. Rittenberg, 25 W. 184th st., Bronx; Louis J. Etzel, 417 E. 180th st., Bronx.
Annie Stein, 622 E. 169th st., Bronx; Max Freedberger, 1007 Southern boulevard, Bronx.
William W. Penfield, 730 E. 242d st., Bronx.
Elihu S. Leschinsky, 924 Broadway, Brooklyn.
Christian Beisler, 352 E. 125th st., Manhattan; Charles E. Griffin, 147 E. 54th st., Manhattan; Nicholas E. Betjeman, 431 E. 57th st., Manhattan.
Henry H. Silver, 309 Broadway, Manhattan; Maurice L. Snitkin, 281 Division ave., Brooklyn; Nathan Nathanson, 74 Delancey st., Manhattan.
Frederick R. A. Stiefel, 1931 Madison ave., Manhattan; George B. McKegney, 264 W. 126th st., Manhattan; Henry S. J. Flynn, 271 Broadway, Manhattan.
Louis A. Rosenstein, 503 13th st., Brooklyn.
George M. Fayles, 5 Kenmore place, Brooklyn; Francis R. Mullin, 94 Albany ave., Brooklyn; Elias Jacoby, 1397 Sterling place, Brooklyn.
John C. Kinkel, 198 Prospect ave., Brooklyn.
Charles S. Conklin, 49 W. 39th st., Manhattan.
W. L. Robson, 421 E. 56th st., Manhattan.
T. S. German, 381 Fulton st., Brooklyn.
Joseph A. Mannix, 304 E. 79th st., Manhattan; Leo Robbins, 158 E. 79th st., Manhattan.
Samuel Dreyfus, 778 1st ave., Manhattan.
Herman Herst, 141 Crescent st., Queens.
Abraham Bernstein, 31-35 W. 115th st., Manhattan.
Paul Armitage, 280 Broadway, Manhattan.
Charles F. Wilson, 145 E. 82d st., Manhattan.
Frank K. Johnston, 723 8th ave., Manhattan.
Anna H. Peyser, 218 W. 141st st., Manhattan; H. Adolph Howell, 22 W. 133d st., Manhattan.
Everard C. Ketcham, 747 Hancock st., Brooklyn; William J. Young, 92 McDonough st., Brooklyn.

Adopted by the Board of Aldermen, November 28, 1911.

P. J. SCULLY, City Clerk.

OFFICIAL DIRECTORY

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.

CITY OFFICES.

MAYOR'S OFFICE.

No. 5 City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 8020 Cortlandt.
WILLIAM J. GAYNOR, Mayor.
Robert Adamson, Secretary.
James Matthews, Executive Secretary.
———, Chief Clerk and Bond and Warrant Clerk.

BUREAU OF WEIGHTS AND MEASURES.

Room 7, City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
John L. Walsh, Commissioner.
Telephone, 4334 Cortlandt.

BUREAU OF LICENSES.

9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4109 Cortlandt.
James G. Wallace, Jr., Chief of Bureau.
Principal Office, Room 1, City Hall.
Branch Office, Room 12A, Borough Hall, Brooklyn.
Branch Office, Richmond Borough Hall, Room 23, New Brighton, S. I.
Branch Office, Hackett Building, Long Island City, Borough of Queens.

ARMORY BOARD.

Mayor, William J. Gaynor; the Comptroller, William A. Prendergast; the President of the Board of Aldermen, John Purroy Mitchel; Brigadier-General George Moore Smith, Brigadier-General John G. Eddy, Commodore R. P. Forshew, the President of the Department of Taxes and Assessments, Lawson Purdy.
Clark D. Rhinehart, Secretary, Room Basement, Hall of Records, Chambers and Centre streets.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3900 Worth.

ART COMMISSION.

City Hall, Room 21.
Telephone call, 1197 Cortlandt.
Robert W. de Forest, Trustee Metropolitan Museum of Art, President; Herbert Adams, Sculptor, Vice-President; Charles Howland Russell, Trustee of New York Public Library, Secretary; A. Augustus Healy, President of the Brooklyn Institute of Arts and Sciences; William J. Gaynor, Mayor of The City of New York; Frederic B. Pratt, Francis C. Jones, Painter; R. T. H. Halsey, I. N. Phelps Stokes, Architect; John Bogart.
John Quincy Adams, Assistant Secretary.

BELLEVUE AND ALLIED HOSPITALS.

Office, Bellevue Hospital, Twenty-sixth street and First avenue.
Telephone, 4400 Madison Square.
Board of Trustees—Dr. John W. Brannan, President; James K. Paulding, Secretary; John G. O'Keeffe, Arden M. Robbins, James A. Farley, Samuel Sachs, Leopold Stern; Michael J. Drummond, ex-officio.
General Medical Superintendent, Dr. George O'Hanlon.

BOARD OF ALDERMEN.

No. 11 City Hall, 10 a. m. to 4 p. m.; Saturdays, 10 a. m. to 12 m.
Telephone, 7560 Cortlandt.
John Purroy Mitchel, President.
P. J. Scully, City Clerk.

BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 a. m. to 5 p. m.; Saturdays, 12 m.
Joseph P. Hennessy, President.
William C. Ormond.
Antonio C. Astarita.
Thomas J. Drennan, Secretary.
Telephone, 29, 30 and 31 Worth.

BOARD OF AMBULANCE SERVICE.

Headquarters, 240 Centre street.
Office hours, 9 a. m. to 4 p. m. Saturdays, 12 m.
President, Commissioner of Police, R. Waldo; Secretary, Commissioner of Public Charities, M. J. Drummond; Dr. John W. Brannan, President of the Board of Trustees of Bellevue and Allied Hospitals; Dr. Royal S. Copeland, Wm. I. Spiegelberg; D. C. Potter, Director.
Telephone, 3100 Spring.

BOARD OF ELECTIONS.

General Office, No. 107 West Forty-first street.
Commissioners: J. Gabriel Britt, President; Moses M. McKee, Secretary; James Kane and Jacob A. Livingston. Michael T. Daly, Chief Clerk.
Telephone, 2946 Bryant.

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 1406. Telephone 2280 Worth.
Joseph Haag, Secretary; William M. Lawrence, Assistant Secretary; Charles V. Adee, Clerk to Board.

OFFICE OF THE CHIEF ENGINEER.

Nelson P. Lewis, Chief Engineer, No. 277 Broadway, Room 1408. Telephone, 2281 Worth.
Arthur S. Tuttle, Engineer in charge Division of Public Improvements, No. 277 Broadway. Room 1408. Telephone, 2281 Worth.

BUREAU OF FRANCHISES.

Harry P. Nichols, Engineer, Chief of Bureau, 277 Broadway, Room 801. Telephone, 2282 Worth.
Office hours, 9 a. m. to 5 p. m. (except during July and August, when hours are 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m.

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, 3840 Gramercy.
George A. Just, Chairman. Members: William Crawford, Lewis Harding, Charles G. Smith, William A. Boring, John P. Leo and John Kenlon.
Edward V. Barton, Clerk.
Board meeting every Tuesday at 2 p. m.

BOARD OF INEBRIETY.

Office, 300 Mulberry street, Manhattan.
Thomas J. Colton, President.
Rev. William Morrison, Secretary.
John Dorning, M.D.
Rev. John J. Hughes.
William Browning, M.D.
Telephone, 7116 Spring.
Office hours, daily, 10 a. m. and 2 p. m.

BOARD OF PAROLE OF THE NEW YORK CITY REFORMATORY OF MISDEMEANANTS.

Office, No. 148 East Twentieth street.
Patrick A. Whitney, Commissioner of Correction, President.
John B. Mayo, Judge, Special Sessions, Manhattan.
Robert J. Wilkin, Judge, Special Sessions, Brooklyn.
Frederick B. House, City Magistrate, First Division.
Edward J. Dooley, City Magistrate, Second Division.
Samuel B. Hamburger, John C. Heintz, Rosario Maggio, Richard E. Troy.
Thomas R. Minnick, Secretary.
Telephone, 1047 Gramercy.

BOARD OF REVISION OF ASSESSMENTS.

William A. Prendergast, Comptroller.
Archibald R. Watson, Corporation Counsel.
Lawson Purdy, President of the Department of Taxes and Assessments.
John Korb, Jr., Chief Clerk, Finance Department, No. 280 Broadway.
Telephone, 1200 Worth.

BOARD OF WATER SUPPLY.

Office, No. 165 Broadway.
Charles Strauss, President; Charles N. Chadwick and John F. Galvin, Commissioners.
Joseph P. Morrissey, Secretary.
J. Waldo Smith, Chief Engineer.
Office hours, 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m.
Telephone, 4310 Cortlandt.

COMMISSIONER OF ACCOUNTS.

Raymond B. Fosdick, Commissioner of Accounts.
Rooms 114 and 115, Stewart Building, No. 280 Broadway, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4315 Worth.

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.
Joseph F. Prendergast, First Deputy.
John T. Oakley, Chief Clerk of the Board of Aldermen.
Joseph V. Sculley, Clerk, Borough of Brooklyn.
Matthew McCabe, Deputy City Clerk, Borough of The Bronx.
George D. Frenz, Deputy City Clerk, Borough of Queens.
Joseph F. O'Grady, Deputy City Clerk, Borough of Richmond.

CHANGE OF GRADE DAMAGE COMMISSION.

Office of the Commission, Room 223, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City.
William D. Dickey, Cambridge Livingston, David Robinson, Commissioners. Lamont McLoughlin, Clerk.
Regular advertised meetings on Monday, Tuesday and Thursday of each week at 2 o'clock p. m.
Office hours, 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m.
Telephone, 3254 Worth.

CITY RECORD OFFICE.

BUREAU OF PRINTING, STATIONERY AND BLANK BOOKS.

Supervisor's Office, 8th floor, Park Row Building, No. 21 Park Row.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1505 and 1506 Cortlandt.
Distributing Division, Nos. 96 and 98 Reade street, near West Broadway.
David Ferguson, Supervisor.
Henry McMillen, Deputy Supervisor.
C. McKemie, Secretary.

COMMISSIONER OF LICENSES.

Office, No. 277 Broadway.
Herman Robinson, Commissioner.
Samuel Prince, Deputy Commissioner.
John J. Caldwell, Secretary.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 2828 Worth.

COMMISSIONERS OF SINKING FUND.

William J. Gaynor, Mayor, Chairman; William A. Prendergast, Comptroller; Robert R. Moore, Chamberlain; John Purroy Mitchel, President of the Board of Aldermen, and Frank L. Dowling, Chairman Finance Committee, Board of Aldermen, members; Henry J. Walsh, Deputy Chamberlain, Secretary.
Office of Secretary, Room 69, Stewart Building, No. 280 Broadway, Borough of Manhattan. Telephone, 4270 Worth.

DEPARTMENT OF BRIDGES.

Nos. 13-21 Park Row.
Arthur J. O'Keeffe, Commissioner.
William H. Sinnott, 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 CORRECTION.

CENTRAL OFFICE.

No. 148 East Twentieth street. Office hours from 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1047 Gramercy.
Patrick A. Whitney, Commissioner.
William J. Wright, Deputy Commissioner
John B. Fitzgerald, Secretary.

DEPARTMENT OF DOCKS AND FERRIES.

Pier "A" N. R., Battery place.
Telephone, 300 Rector.
Calvin Tomkins, Commissioner.
B. F. Cresson, Jr., First Deputy Commissioner.
William J. Barney, Second Deputy Commissioner.
Matthew J. Harrington, Secretary.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

DEPARTMENT OF EDUCATION.

BOARD OF EDUCATION.

Park avenue and Fifty-ninth street, Borough of Manhattan, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 5580 Plaza.
Stated meetings of the Board are held at 4 p. m. on the first Monday in February, the second Wednesday in July, and the second and fourth Wednesdays in every month, except July and August.

DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1200 Worth.
WILLIAM A. PRENDERGAST, Comptroller, Douglas Mathewson and Edmund D. Fisher, Deputy Comptrollers.
Hubert L. Smith, Assistant Deputy Comptroller.
George L. Tirrell, Secretary to the Department.
Ethel Waldron, Clerk to the Comptroller.
Thomas W. Hynes, Supervisor of Charitable Institutions.
Walter S. Wolfe, Chief Clerk.

DEPARTMENT OF HEALTH.

Southwest corner of Fifty-fifth street and Sixth avenue, Borough of Manhattan.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Burial Permit and Contagious Disease Offices always open.
Telephone, 4900 Columbus.
Ernst J. Lederle, Commissioner of Health and President.
Alvah H. Doty, M. D.; Rhinelander Waldo, Commissioners.
Eugene W. Schaffer, Secretary.
Herman M. Biggs, M. D., General Medical Officer.
Walter Bensel, M. D., Sanitary Superintendent.
William H. Guilfoy, M. D., Registrar of Records.
James McC. Miller, Chief Clerk.

Borough of Manhattan.

Alonzo Blauvelt, 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.

Marion B. McMillan, M. D., Assistant Sanitary Superintendent; Ambrose Lee, Jr., Assistant Chief Clerk; Arthur J. O'Leary, M. D., Assistant Registrar of Records.

Borough of Brooklyn, Flatbush avenue, Willoughby and Fleet streets.

Travers 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 streets, Jamaica.

John H. Barry, M. D., Assistant Sanitary Superintendent; George R. Crowly, Assistant Chief Clerk; Robert Campbell, M. D., Assistant Registrar of Records.

Borough of Richmond, No. 514 Bay street, Stapleton, Staten Island.

John T. Sprague, M. D., Assistant Sanitary Superintendent; Charles E. Hoyer, Assistant Chief Clerk.

DEPARTMENT OF PARKS.

Charles B. Stover, Commissioner of Parks for the Boroughs of Manhattan and Richmond, and President Park Board.
Clinton H. Smith, Secretary.
Offices, Arsenal, Central Park.
Telephone, 201 Plaza.
Office hours, 9 a. m. to 5 p. m.; Saturdays 9 a. m. to 12 m.
Michael J Kennedy, Commissioner of Parks for the Borough of Brooklyn.
Offices, Litchfield Mansion, Prospect Park, Brooklyn.
Office hours, 9 a. m. to 5 p. m.; July and August, 9 a. m. to 4 p. m.
Telephone, 2300 South.
Thomas J Higgins, Commissioner of Parks for the Borough of The Bronx.
Office, Zbrowski Mansion, Claremont Park.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 2640 Tremont.
Walter G. Eliot, Commissioner of Parks for the Borough of Queens.

PERMANENT CENSUS BOARD.

Hall of Board of Education, No. 500 Park avenue, third floor. Office hours 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
The Mayor, City Superintendent of Schools and Police Commissioner George H. Chatfield, Secretary.
Telephone, 5752 Plaza.

DEPARTMENT OF PUBLIC CHARITIES.

PRINCIPAL OFFICE.

Foot of East Twenty-sixth street, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 7400 Madison Square.
Michael J. Drummond, Commissioner.
Frank J. Goodwin, First Deputy Commissioner.
William J. McKenna, Third Deputy Commissioner.
Thomas L. Fogarty, Second Deputy Commissioner for Brooklyn and Queens, Nos. 327 to 131 Schermerhorn street, Brooklyn. Telephone 2977 Main.
L. McKee Borden, Secretary.
Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Bureau of Dependent Adults, foot of East Twenty-sixth street. Office hours, 9 a. m. to 5 p. m.
The Children's Bureau, No. 124 East 59th street. Office hours, 9 a. m. to 5 p. m.
Jeremiah Connelly, Superintendent for Richmond Borough; Borough Hall, St. George, Staten Island.
Telephone, 1000 Tompkinsville.

DEPARTMENT OF STREET CLEANING.

Nos. 13 to 21 Park row, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 6725 Cortlandt.
Telephone, 3863 Cortlandt.
William H. Edwards, Commissioner.
James F. Lynch, Deputy Commissioner, Borough of Manhattan.
Julian Scott, Deputy Commissioner, Borough of Brooklyn.
James F. O'Brien, Deputy Commissioner, Borough of The Bronx.
John J. O'Brien, Chief Clerk.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Hall of Records, corner of Chambers and Centre streets. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Commissioners—Lawson Purdy, President; Chas. J. McCormack, John J. Halleran, Charles T. White, Daniel S. McElroy, Edward Kaufmann, Judson G. Wall.
Telephone, 3900 Worth.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Nos. 13 to 21 Park row, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephones: Manhattan, 5962 Cortlandt; Brooklyn, 3980 Main, Queens, 1990 Greenpoint; Richmond, 840 Tompkinsville; Bronx, 3400 Tremont.
Henry S. Thompson, Commissioner.
I. W. F. Bennett, Deputy Commissioner.
Frederic T. Parsons, Deputy Commissioner, Borough of Brooklyn. Municipal Building, Brooklyn.
John L. Jordan, Deputy Commissioner, Borough of The Bronx, Municipal Building, The Bronx.
M. P. Walsh, Deputy Commissioner, Borough of Queens, Municipal Building, Long Island City.
John E. Bowe, Deputy Commissioner, Borough of Richmond, Municipal Building, St. George.

EXAMINING BOARD OF PLUMBERS.

Edwin Hayward, President.
James J. Donahue, Secretary.
August C. Schwager, Treasurer.
Rooms Nos. 14, 15 and 16, Aldrich Building, Nos. 149 and 151 Church street.
Telephone, 6472 Barclay.
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.

FIRE DEPARTMENT.

Headquarters: Office hours for all, from 9 a. m. to 5 p. m.; Saturdays, 12 m. Central offices and fire stations open at all hours.

OFFICES.

Headquarters of Department, Nos. 157 and 159 East 67th street, Manhattan. Telephone, 640 Plaza.
Brooklyn office, Nos. 365 and 367 Jay street, Brooklyn. Telephone, 2653 Main.
Joseph Johnson, Commissioner.
George W. Olvany, Deputy Commissioner.
Philip P. Farley, Deputy Commissioner, Boroughs of Brooklyn and Queens.
Daniel E. Finn, Secretary of Department.
Lloyd Dorsey Willis, Secretary to Commissioner.
Walter J. Nolan, Secretary to Deputy Commissioner, Boroughs of Brooklyn and Queens.
John Kenlon, Chief of Department, in charge Bureau of Fire Extinguishment, 157 and 159 East 67th street, Manhattan.
Thomas Lally, Deputy Chief in charge, Boroughs of Brooklyn and Queens, 365-367 Jay street, Brooklyn.
William Guerin, Deputy Chief in Charge Bureau of Fire Prevention, 157 and 159 East 67th street, Manhattan.
John C. Rennard, Electrical Engineer, in charge Fire Alarm Telegraph Bureau, 157 and 159 East 67th st., Manhattan.
John R. Keefe, Clerk, in charge Bureau of Repairs and Supplies, 157 and 159 East 67th street, Manhattan.

LAW DEPARTMENT.

OFFICE OF CORPORATION COUNSEL.

Office hours, 9 a. m. to 5 p. m.; Saturdays 9 a. m. to 12 m.
Main office, Hall of Records, Chambers and Centre streets, 6th and 7th floors.
Telephone, 4600 Worth.
Archibald R. Watson, Corporation Counsel.
Assistants—Theodore Connolly, George L. Sterling, Charles D. Olendorf, William P. Burr, R. Percy Chittenden, William Beers Crowell, John L. O'Brien, Terence Farley, Edward J. McGoldrick, Curtis A. Peters, Cornelius F. Collins, John F. O'Brien, Edward S. Malone, Edwin J. Freedman, Louis H. Hahlo, Frank B. Pierce, Richard H. Mitchell, John Widdecombe, Arthur Sweeny, William H. King, George P. Nicholson, George Harold Folwel, Dudley F. Malone, Charles J. Nehrbas, William J. O'Sullivan, Harford P. Walker, Josiah A. Stover, Arnold C. Weil, Francis J. Byrne, Francis Martin, Charles McIntyre, Clarence L. Barber, Alfred W. Booraem, George H. Cowle, Solon Berrick, James P. O'Connor, Elliott S. Benedict, Isaac Phillips, Edward A. McShane, Eugene Fay, Ricardo M. DeAcosta, John M. Barrett, Frank P. Reilly, Leon G. Godley, Alexander C. MacNulty, Samuel Hoffmann.
Secretary to the Corporation Counsel—Edmund Kirby, Jr.
Chief Clerk—Andrew T. Campbell.
Brooklyn office, Borough Hall, 2d floor. Telephone, 2948 Main. James D. Bell, Assistant in charge.

BUREAU OF STREET OPENINGS.

Main office, No. 90 West Broadway. Telephone, 5070 Barclay. Joel J. Squier, Assistant in charge.
Brooklyn branch office, No. 166 Montague street. Telephone, 3670 Main. Edward Riegelmann, Assistant in charge.
Queens branch office, Municipal Building, Court House Square, Long Island City. Telephone, 3886 Hunters Point. Joseph J. Myers, Assistant in charge.

BUREAU FOR THE RECOVERY OF PENALTIES.

No. 119 Nassau street. Telephone, 4526 Cortlandt. Herman Stiefel, Assistant in Charge.

BUREAU FOR THE COLLECTION OF ARREARS OF PERSONAL TAXES.

No. 280 Broadway, 5th floor. Telephone, 4585 Worth. Geo. O'Reilly, Assistant in charge.

TENEMENT HOUSE BUREAU AND BUREAU OF BUILDINGS.

No. 44 East Twenty-third street. Telephone, 961 Gramercy. John P. O'Brien, Assistant in charge.

METROPOLITAN SEWERAGE COMMISSION.

Office, No. 17 Battery place. George A. Soper, Ph.D., President; James H. Fuertes, Secretary; H. de B. Parsons, Charles Sooysmith, Linsly R. Williams, M.D.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1694 Rector.

MUNICIPAL CIVIL SERVICE COMMISSION.

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
James Creelman, President; Richard Welling and Alexander Keogh, Commissioners.
Frank A. Spencer, Secretary.

LABOR BUREAU.

Nos. 54-60 Lafayette street.
Telephone 2140 Worth.

MUNICIPAL EXPLOSIVES COMMISSION.

Nos. 157 and 159 East 67th street, Headquarters Fire Department.
Joseph Johnson, Fire Commissioner and ex-officio Chairman; Geo. O. Eaton, Sidney Harris, Bartholomew Donovan, J. Howard Wainwright.
R. S. Lundy, Secretary.
Meeting at call of Fire Commissioner.

POLICE DEPARTMENT.

CENTRAL OFFICE.

No. 240 Centre street, 9 a. m. to 5 p. m. (months of June, July and August, 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m.
Telephone, 3100 Spring.
Rhinelander Waldo, Commissioner.
Douglas I. McKay, First Deputy Commissioner.
George S. Dougherty, Second Deputy Commissioner.
John J. Walsh, Third Deputy Commissioner
James E. Dillon, Fourth Deputy Commissioner.
William H. Kipp, Chief Clerk.

PUBLIC SERVICE COMMISSION.

The Public Service Commission for the First District, Tribune Building, No. 154 Nassau street, Manhattan.
Office hours, 8 a. m. to 11 p. m., every day in the year, including holidays and Sundays.
Stated public meetings of the Commission, Tuesdays and Fridays at 12 m., in the Public Hearing Room of the Commission, third floor of the Tribune Building, unless otherwise ordered.
Commissioners—William R. Willcox, Chairman; William McCarroll, Milo R. Maltbie, John E. Eustis, J. Sergeant Cram. Counsel, George S. Coleman. Secretary, Travis H. Whitney.
Telephone, 4150 Beekman.

TENEMENT HOUSE DEPARTMENT.

John J. Murphy, Commissioner, Manhattan. Office, 44 East 23d street, Telephone, 5331 Gramercy. William H. Abbott, Jr., First Deputy Commissioner.
Brooklyn Office (Boroughs of Brooklyn, Queens and Richmond), 503 Fulton street, Telephone, 3825 Main. Frank Mann, Second Deputy Commissioner.
Bronx Office, 391 East 149th street, Telephone, 967 Melrose. William B. Calvert, Superintendent.
Office hours 9 a. m. to 5 p. m., Saturdays 9 a. m. to 12 m.

BOROUGH OFFICES.

BOROUGH OF MANHATTAN.

Office of the President, Nos. 14, 15 and 16 City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
George McAneny, President
Leo Arnstein, Secretary of the Borough.
Julian B. Beaty, Secretary to the President.
Edgar Vietor Frothingham, Commissioner of Public Works.
W. R. Patterson, Assistant Commissioner of Public Works.
Rudolph P. Miller, Superintendent of Buildings.
Robert B. Insley, Superintendent of Public Buildings and Offices.

BOROUGH OF THE BRONX.

Office of the President, corner Third avenue and One Hundred and Seventy-seventh street; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Cyrus C. Miller, President.
George Donnelly, Secretary.
Thomas W Whittle, Commissioner of Public Works.
James A. Henderson, Superintendent of Buildings.
Arthur J. Largy, Superintendent of Highways.
Roger W. Bligh, Superintendent of Public Buildings and Offices.
Telephone, 2680 Tremont.

BOROUGH OF BROOKLYN.

President's Office, Nos. 15 and 16, Borough Hall; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Alfred E. Steers, President.
Reuben L. Haskell, Borough Secretary.
John B. Creighton, Secretary to the President.
Telephone, 3960 Main.
Lewis H. Pounds, Commissioner of Public Works.
John Thatcher, Superintendent of Buildings.
William J. Taylor, Superintendent of the Bureau of Sewers.
Howard L. Woody, Superintendent of the Bureau of Public Buildings and Offices.
Frederick Linde, Superintendent of Highways.

BOROUGH OF QUEENS.

President's Office, Borough Hall, Jackson avenue and Fifth street, Long Island City; 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1900 Greenpoint.
Maurice E. Connolly, President.
John N. Booth, Secretary.
Denis O'Leary, Commissioner of Public Works.
Emanuel Branden, Superintendent of Highways.
John J. Simmons, Superintendent of Buildings.
Oliver Stewart Hardgrove, Superintendent of Sewers.
Arrow C. Hankins, Superintendent of Street Cleaning.
Joseph Sullivan, Superintendent of Public Buildings and Offices, Flushing. Telephone, 1740 Flushing.

BOROUGH OF RICHMOND.

President's Office, New Brighton, Staten Island.
George Cromwell, President.
Maybury Fleming, Secretary.
Louis Lincoln Tribus, Consulting Engineer and Acting Commissioner of Public Works.
John Seaton, Superintendent of Buildings.
H. E. Buel, Superintendent of Highways.
John T. Fetherston, Assistant Engineer and Acting Superintendent of Street Cleaning.
Ernest H. Seehusen, Superintendent of Sewers.
John Timlin, Jr., Superintendent of Public Buildings and Offices.
Offices, Borough Hall, New Brighton, N. Y., 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1000 Tompkinsville.

CORONERS.

Borough of The Bronx—Corner of Third avenue and Tremont avenue. Telephone, 1250 Tremont and 1402 Tremont.
A. F. Schwannecke, Jacob Shongut.
Borough of Brooklyn—Office, Rooms 1 and 3, Municipal Building. Telephone, 4004 Main and 4005 Main.
Alexander J. Rooney, Edward Glinnen, Coroners.
Open all hours of the day and night.
Borough of Manhattan—Office, Criminal Courts Building, Centre and White streets. Open at all times of the day and night.
Coroners: Israel L. Feinberg, Herman Hellenstein, James E. Winterbottom, Herman W. Holtzhauser.
Telephones, 1094, 5057, 5058 Franklin.
Borough of Queens—Office, Town Hall, Fulton street, Jamaica, L. I.
Alfred S. Ambler, G. J. Schaefer.
Office hours from 9 a. m. to 10 p. m., excepting Sundays and holidays; office open then from 9 a. m. to 12 m.
Borough of Richmond—No. 175 Second street, New Brighton. Open for the transaction of business all hours of the day and night.
William H. Jackson, Coroner.
Telephone, 7 Tompkinsville.

COUNTY OFFICES.

NEW YORK COUNTY.

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Thomas Allison, Commissioner.
Frederick P. Simpson, Assistant Commissioner.
Telephone, 241 Worth.

COMMISSIONER OF RECORDS.

Office, Hall of Records.
William S. Andrews, Commissioner.
James O. Farrell, Deputy Commissioner.
Telephone, 3900 Worth.
Office hours, 9 a. m. to 5 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.

COUNTY CLERK.

Nos. 5, 8, 9, 10 and 11 New County Court House.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
William F. Schneider, County Clerk.
Charles E. Gehring, Deputy.
Wm. B. Selden, Second Deputy.
Herman W. Beyer, Superintendent of Indexing and Recording.
Telephone, 5388 Cortlandt.

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.
Charles S. Whitman, District Attorney.
Henry D. Sayer, Chief Clerk.
Telephone, 2304 Franklin.

PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
William M. Hoes, Public Administrator.
Telephone, 6376 Cortlandt.

REGISTER.

Hall of Records, 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.
Max S. Grifenhagen, Register.
William Halpin, Deputy Register.
Telephone, 3900 Worth.

SHERIFF.

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Except during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
John S. Shea, Sheriff.
John B. Cartwright, Under Sheriff.
Telephone, 4984 Worth.

SURROGATES.

Hall of Records. 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.
John P. Cohalan and Robert L. Fowler, Surrogates; William V. Leary, Chief Clerk.
Telephone, 3900 Worth.

KINGS COUNTY.

COMMISSIONER OF JURORS.

5 County Court-house.
Thomas R. Farrell, Commissioner.
Michael J. Trudden, Deputy Commissioner.
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, 9 a. m. to 12 m.
Telephone, 1454 Main

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.
Charles H Graff, Commissioner.
William F. Thompson, Deputy Commissioner.
Telephone, 1114 Main.
Telephone, 1082 Main.

COUNTY CLERK.

Hall of Records, Brooklyn. Office hours, 9 a. m. to 4 p. m.; during months of July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Henry P. Molloy, County Clerk.
William J. Heffernan, Deputy County Clerk.
Telephone call, 4930 Main.

COUNTY COURT.

County Court House, Brooklyn, Rooms 1, 10, 14, 17, 18, 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; Part III., Room No. 14; Part IV., Room No 1, Court House. Clerk's office, Rooms 17, 18, 19 and 22, open daily from 9 a. m. to 5 p. m.; Saturdays, 12 m.
Norman S. Dike and Lewis L. Fawcett, County Judges.
Thomas F. Wogan, Deputy Clerk.
Telephone, 4154 and 4155 Main.

DISTRICT ATTORNEY.

Office, County Court-house, Borough of Brooklyn. Hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
John F Clarke, District Attorney.
Telephone number 2955-6-7 Main.

PUBLIC ADMINISTRATOR.

No. 44 Court street (Temple Bar), Brooklyn, 9 a. m. to 5 p. m.
Charles E. Teale, Public Administrator.
Telephone, 2840 Main.

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; Saturdays, 9 a. m. to 12 m.
Frederick Lundy, Register.
Owen J. Murphy, Deputy Register.
Telephone, 2830 Main.

SHERIFF.

Temple Bar Building, 186 Remsen street, Room 401, Brooklyn, N. Y.
9 a. m. to 4 p. m.; Saturdays, 12 m.
Patrick H. Quinn, Sheriff.
John Morrissey Gray, Under Sheriff.
Telephone, 6845, 6846, 6847 Main.

SURROGATE.

Hall of Records, Brooklyn, N. Y.
Herbert T. Ketcham, Surrogate.
John H. McCooey, Chief Clerk and Clerk of the Surrogate's Court.
Court opens at 10 a. m. Office hours, 9 a. m. to 4 p. m., except during months of July and August, when office hours are from 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3954 Main.

QUEENS COUNTY.

COMMISSIONER OF JURORS.

Office hours, 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m; Queens County Court-house, Long Island City
George H. Creed, Commissioner of Jurors.
Rodman Richardson, Assistant Commissioner.
Telephone, 455 Greenpoint.

COUNTY CLERK.

No. 364 Fulton street, Jamaica, Fourth Ward, Borough of Queens, City of New York.
Office open, 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m.
Martin Mager, County Clerk.
Telephone, 151 Jamaica.

COUNTY COURT.

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 and first Saturday of September.
Burt J. Humphrey, County Judge.
Telephone, 551 Jamaica.

DISTRICT ATTORNEY.

Office, Queens County Court-house, Long Island City, 9 a. m. to 5 p. m., Saturdays, 9 a. m. to 12 m.
County Judge's office always open at No 336 Fulton street, Jamaica, N. Y.
Fred. G. De Witt, District Attorney.
Telephone, 2986 and 2987 Greenpoint.

PUBLIC ADMINISTRATOR.

No. 17 Cook avenue, Elmhurst.
John T. Robinson, Public Administrator, County of Queens.
Office hours, 9 a. m. to 5 p. m.
Telephone, 335 Newtown.

SHERIFF.

County Court-house, Long Island City, 9 a. m. to 4 p. m.; during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m to 12 m.
Thomas M. Quinn, Sheriff.
John M. Phillips, Under Sheriff.
Telephone, 2741 and 2742 Greenpoint (office).
Henry O. Schleth, Warden.
Telephone, 372 Greenpoint.

SURROGATE.

Daniel Noble, Surrogate.
Office, No. 364 Fulton street, Jamaica.
Except on Sundays, holidays and half-holidays, the office is open from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m. July and August, 9 a. m. to 2 p. m.
The calendar is called on each week day at 10 a. m., except during the month of August.
Telephone, 397 Jamaica.

RICHMOND COUNTY.

COMMISSIONER OF JURORS.

Village Hall, Stapleton.
Charles J. Kullman, Commissioner.
Office open from 9 a. m. until 4 p. m.; Saturdays, from 9 a. m. to 12 m.
Telephone, 81 Tompkinsville.

COUNTY CLERK.

County Office Building, Richmond, S. I., 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
C. Livingston Bostwick, County Clerk.
Telephone, 28 New Dorp.

COUNTY JUDGE AND SURROGATE.

Terms of Court, Richmond County, 1911:
County Court—Sidney Fuller Rawson, County Judge.
First Monday of April, Grand and Trial Jury.
First Monday of October, Grand and Trial Jury.
On Wednesdays of each week at Richmond (except during August) without a Jury.
Surrogate's Court—Sidney Fuller Rawson, Surrogate.
Court days: Mondays, at the Borough Hall, St. George, and Wednesdays, at the Surrogate's Office, Richmond, at 10.30 o'clock a. m., on which citations and orders are returnable, except during August, and except on days when Jury terms of County Court are held.
Telephones, 235 New Dorp and 1000 Tompkinsville.

DISTRICT ATTORNEY.

Borough Hall, St. George, S. I.
Albert C. Fach, District Attorney.
Telephone, 50 Tompkinsville.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

PUBLIC ADMINISTRATOR.

Office, Port Richmond.
William T. Holt, Public Administrator.
Telephone, 704 West Brighton.

SHERIFF.

County Court-house, Richmond, S. I.
John J. Collins, Sheriff.
Offiee hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 120 New Dorp.

THE COURTS.

APPELLATE DIVISION OF THE SUPREME COURT.

FIRST JUDICIAL DEPARTMENT.

Court-house, Madison avenue, corner Twenty-fifth street. Court open from 2 p. m. until 6 p. m. Friday, Motion day, Court opens at 10.30 a. m. Motions called at 10 a. m.
George L. Ingraham, Presiding Justice; Chester B. McLaughlin, Frank C. Laughlin, John Proctor Clarke, Francis M. Scott, Nathan L. Miller, Victor J. Dowling, Justices; Alfred Wagstaff, Clerk; William Lamb, Deputy Clerk.
Clerk's Office opens 9 a. m.
Telephone, 3340 Madison Square.

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 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. 6.
Special Term, Part VI., Room No. 31.
Trial Term, Part II., Room No. 34.
Trial Term, Part III., Room No. 32.
Trial Term, Part IV., Room No. 21.
Trial Term, Part V., Room No. 24.
Trial Term, Part VI., Room No. 18.
Trial Term, Part VII., Room No. —.
Trial Term, Part VIII., Room No. 23.
Trial Term, Part IX., Room No. 35.
Trial Term, Part X., Room No. 26.
Trial Term, Part XI., Room No. 27.
Trial Term, Part XII., Room No. —.
Trial Term, Part XIII., and Special Term, Part VII., Room No. 36.
Trial Term, Part XIV., Room No. 28.
Trial Term, Part XV., Room No. 37.
Trial Term, Part XVI., Room No. —
Trial Term, Part XVII., Room No. 20.
Trial Term, Part XVIII., Room No. 29.
Appellate Term, Room No. 29.
Naturalization Bureau, Room No. 38, third floor.
Assignment Bureau, room on mezzanine floor, northeast.
Clerks in attendance from 10 a. m. to 4 p. m.
Clerk's Office, Special Term, Part I. (motion), Room No. 15.
Clerk's Office, Special Term, Part II. (ex-parte business), ground floor, southeast corner.
Clerk's Office, Special Term, Calendar, ground floor, south.
Clerk's Office, Trial Term, Calendar, room northeast corner, second floor, east.
Clerk's Office, Appellate Term, room south west corner, third floor.
Trial Term, Part I. (criminal business).
Criminal Court-house, Centre street.
Justices—Henry Bischoff, Leonard A. Gieger ich, P. Henry Dugro, James Fitzgerald, James A. Blanchard, Samuel Greenbaum, Edward E. McCall, Edward B. Amend, Vernon M. Davis, Joseph E. Newburger, John W. Goff, Samuel Seabury, M. Warley Platzek, Peter A. Hendrick, John Ford, John J. Brady, Mitchell L. Erlanger, Charles L. Guy, James W. Gerard, Irving Lehman, Alfred R. Page, Edward J. Gavegan, Nathan Bijur, John J. Delany, Francis K. Pendleton, Daniel F. Cohalan.
Telephone, 4580 Cortlandt.

SUPREME COURT—SECOND DEPARTMENT.

Kings County Court-house, Borough of Brooklyn, N. Y.
Clerk's office hours, 9 o'clock a. m. to 5 o'clock p. m. Seven jury trial parts. Special Term for Trials. Special Term for Motions. Special Term *ex parte* business.
James F. McGee, General Clerk.
Telephone, 5-60 Main.

CRIMINAL DIVISION—SUPREME COURT.

Building for Criminal Courts, Centre, Elm, White and Franklin streets.
Court opens at 10.30 a. m.
William F. Schneider, Clerk; Edward R. Carroll, Special Deputy to the Clerk.
Clerk's Office opens from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 6064 Franklin.

COURT OF GENERAL SESSIONS.

Held in the Building for Criminal Courts, Centre, Elm, White and Franklin streets.
Court opens at 10.30 a. m.
Warren W. Foster, Thomas C. O'Sullivan, Otto A. Rosalsky, Thomas C. T. Crain, Edward Swann, Joseph F. Mulqueen, James T. Malone, Judges of the Court of General Sessions; Edward R. Carroll, Clerk. Telephone, 1201 Franklin.
William F. Schneider, Clerk, Supreme Court.
Clerk's Office open from 9 a. m. to 4 p. m.
During July and August Clerk's Office 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.
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; Francis B. Delehanty, Joseph I. Green, Alexander Finelite, Thomas F. Donnelly, John V. McAvoy, Peter Schmuck, Richard T. Lynch, Edward B. La Fetra, Richard H. Smith, Justices. Thomas F. Smith, Clerk.
Telephone, 122 Cortlandt.

COURT OF SPECIAL SESSIONS.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan.
Court opens at 10 a. m.
Isaac Franklin Russell, Chief Justice; Willard H. Olmsted, Joseph M. Deuel, Lorenz Zeller, John B. Mayo, Franklin Chase Hoyt, Joseph F. Moss, Howard J. Forker, John Fleming, Robert J. Wilkin, George J. O'Keefe, Morgan M. L. Ryan, James J. McInerney, Arthur C. Salmon and Henry Steinert, Justices. Frank W. Smith, Chief Clerk.
Part I., Criminal Courts Building, Borough of Manhattan. John P. Hilly, Clerk. Telephone, 2092 Franklin.
Part II., County Court House, Room 7, Borough of Brooklyn. This part is held on Mondays, Thursdays and Fridays. Joseph L. Kerrigan, Clerk. Telephone, 4280 Main.
Part III., Town Hall, Jamaica, Borough of Queens. This part is held on Tuesdays. H. S. Moran, Clerk. Telephone, 189 Jamaica.
Part IV., Borough Hall, St. George, Borough of Richmond. This part is held on Wednesdays. Robert Brown, Clerk. Telephone, 49 Tompkinsville.

CHILDREN'S COURT.

New York County—No. 66 Third avenue, Manhattan. Ernest K. Coulter, Clerk. Telephone, 1832 Stuyvesant.
Kings County—No. 102 Court street, Brooklyn. Joseph W. Duffy, Clerk. Telephone, 627 Main.
Queens County—No. 19 Hardenbrook avenue, Jamaica. Sydney Ollendorff, Clerk. This court is held on Thursdays.
Richmond County—Corn Exchange Bank Bldg., St. George, S. I. William J. Browne, Clerk. This court is held on Tuesdays. Office open every day (except Sundays and holidays) from 9 a. m. to 4 p. m. On Saturdays from 9 a. m. to 12 m.

CITY MAGISTRATES' COURT.

First Division.

Court opens from 9 a. m. to 4 p. m.
William McAdoo, Chief City Magistrate; Robert C. Cornell, Leroy B. Crane, Peter T. Barlow, Matthew P. Breen, Frederick B. House, Charles N. Harris, Frederic Kernochan, Arthur C. Butts, Joseph E. Corrigan, Moses Herrman, Paul Krotel, Keyran J. O'Connor, Henry W. Herbert, Charles W. Appleton, Daniel F. Murphy, John J. Freschi, Francis X. McQuade, City Magistrates.
Philip Bloch, Chief Clerk, 300 Mulberry street.
Telephone, 6213 Spring.
First District—Criminal Courts Building.
Second District—Jefferson Market.
Third District—Second avenue and First street.
Fourth District—No. 151 East Fifty-seventh street.
Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.
Sixth District—One Hundred and Sixty-first street and Brook avenue.
Seventh District—No. 314 West Fifty-fourth street.
Eighth District—Main street, Westchester.
Ninth District (Night Court for Females)—125 Sixth avenue.
Tenth District (Night Court for Males)—No. 151 East Fifty-seventh street.
Eleventh District—Domestic Relations Court—No. 151 East Fifty-seventh street.

Second Division.

Borough of Brooklyn.

Otto Kempner, Chief City Magistrate; Edward J. Dooley, John Naumer, A. V. B. Voorhees, Jr., Alexander H. Geismar, John F. Hylan, Howard P. Nash, Moses J. Harris, Charles J. Dodd, John C. McGuire, Louis H. Reynolds, City Magistrates.
Office of Chief Magistrates, 44 Court street, Rooms 209-214. Telephone, 7411 Main.
William F. Delaney, Chief Clerk.
Archibald J. McKinney, Chief Probation Officer.

Courts.

First District—No. 318 Adams street.
Second District—Court and Butler streets.
Fourth District—No. 6 Lee avenue.
Fifth District—No. 249 Manhattan avenue.
Sixth District—No. 495 Gates avenue.
Seventh District—No. 31 Snider avenue (Flatbush).
Eighth District—West Eighth street (Coney Island).
Ninth District—Fifth avenue and Twenty-third street.
Tenth District—No. 133 New Jersey avenue.
Domestic Relations Court—Myrtle and Vanderbilt avenues.

Borough of Queens.

City Magistrates—Matthew J. Smith, Joseph Fitch, Eugene C. Gilroy.

Courts.

First District—St. Mary's Lyceum, Long Island City.
Second District—Town Hall, Flushing, L. I.
Third District—Central avenue, Far Rockaway, L. I.
Fourth District—Town Hall, Jamaica, L. I.

Borough of Richmond.

City Magistrates—Joseph B. Handy, Nathaniel Marsh.

Courts.

First District—Lafayette avenue, New Brighton, Staten Island.
Second Division—Village Hall, Stapleton, Staten Island.
All Courts open daily for business from 9 a. m. to 4 p. m., except on Saturdays, Sundays and legal holidays, when only morning sessions are held.

MUNICIPAL COURTS.

Borough of Manhattan.

First District—The First District embraces the territory bounded on the south and west by the southerly and westerly boundaries of the said borough, on the north by the centre line of Fourteenth street and the centre line of Fifth street from the Bowery to Second avenue, on the east by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street.
Wauhope Lynn, William F. Moore, John Hoyer, Justices.
Thomas O'Connell, Clerk.
Location of Court—Merchants' Association Building, Nos. 54-60 Lafayette street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Additional Part is held at southwest corner of Sixth avenue and Tenth street.
Telephone, 6030 Franklin.
Second District—The Second District embraces the territory bounded on the south by the centre line of Fifth street from the Bowery to Second avenue and on the south and east by the southerly and easterly boundaries of the said borough, on the north by the centre line of East Fourteenth street, on the west by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street.
Benjamin Hoffman, Leon Sanders, Thomas P. Dinnean, Leonard A. Snitkin, Justices.
James J. Devlin, Clerk.
Location of Court—Nos. 264 and 266 Madison street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.
Telephone, 4300 Orchard.
Third District—The Third District embraces the territory bounded on the south by the centre line of Fourteenth street, on the east by the centre line of Seventh avenue from Fourteenth street to Fifty-ninth street and by the centre line of Central Park West from Fifty-ninth street to Sixty-fifth street, on the north by the centre line of Sixty-fifth street and the centre line of Fifty-ninth street from Seventh to Eighth avenue, on the west by the westerly boundary of the said borough.
Thomas E. Murray, Thomas F. Noonan, Justices.
Michael Skelly, Clerk.
Location of Court—No. 314 West Fifty-fourth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone number, 5450 Columbus.

Fourth District—The Fourth District embraces the territory bounded on the south by the centre line of East Fourteenth street, on the west by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, on the north by the centre line of Fifty-ninth street, on the east by the easterly line of said boroughs; excluding, however, any portion of Blackwells Island.
Michael F. Blake, William J. Boyhan, Justices.
Abram Bernard, Clerk.
Location of Court—Part I. and Part II., No. 151 East Fifty-seventh street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.
Telephone, 3860 Plaza.

Fifth District—The Fifth District embraces the territory bounded on the south by the centre line of Sixty-fifth street, on the east by the centre line of Central Park West, on the north by the centre line of One Hundred and Tenth street, on the west by the westerly boundary of said borough.
Alfred P. W. Seaman, William Young, Frederick Spiegelberg, Justices.
John H. Servis, Clerk.
Location of Court—Southwest corner of Broadway and Ninety-sixth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.
Telephone, 4006 Riverside.

Sixth District—The Sixth District embraces the territory bounded on the south by the centre line of Fifty-ninth street and by the centre line of Ninety-sixth street from Lexington avenue to Fifth avenue, on the west by the centre line of Lexington avenue from Fifty-ninth street to Ninety-sixth street and the centre line of Fifth avenue from Ninety-sixth street to One Hundred and Tenth street, on the north by the centre line of One Hundred and Tenth street, on the east by the easterly boundary of said borough, including, however, all of Blackwells Island and excluding any portion of Wards Island.
Jacob Marks, Solomon Oppenheimer, Justices.
Edward A. McQuade, Clerk.
Location of Court—Northwest corner of Third avenue and Eighty-third street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4343 Lenox.

Seventh District—The Seventh District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the east by the centre line of Fifth avenue to the northerly terminus thereof, and north of the northerly terminus of Fifth avenue, following in a northerly direction the course of the Harlem River, on a line coterminus with the easterly boundary of said borough, on the north and west by the northerly and westerly boundaries of said borough.
Philip J. Sinnott, David L. Weil, John R. Davies, Justices.
John P. Burns, Clerk.
Location of Court—No. 70 Manhattan street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.
Eighth District—The Eighth District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the west by the centre line of Fifth avenue, on the north and east by the northerly and easterly boundaries of said borough, including Randalls Island and the whole of Wards Island.
Joseph P. Fallon and Leopold Prince, Justices.
William J. Kennedy, Clerk.
Location of Court—Sylvan place and One Hundred and Twenty-first street, near Third avenue. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.
Telephone, 3950 Harlem.

Ninth District—The Ninth District embraces the territory bounded on the south by the centre line of Fourteenth street and by the centre line of Fifty-ninth street from the centre line of Seventh avenue to the centre line of Central Park West, on the east by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, and by the centre line of Fifth avenue from the centre line of Ninety-sixth street to the centre line of One Hundred and Tenth street, on the north by the centre line of Ninety-sixth street from the centre line of Lexington avenue to the centre line of Fifth avenue and One Hundred and Tenth street from Fifth avenue to Central Park West, on the west by the centre line of Seventh avenue and Central Park West.
Edgar J. Lauer, Frederic De Witt Wells, Frank D. Sturges, William C. Wilson, Justices.
William J. Chamberlain, Clerk.
Location of Court—Southwest corner of Madson avenue and Fifty-ninth street. Parts I. and II. Court opens at 9 a. m. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m.
Telephone, 3873 Plaza.

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, No. 1400 Williamsbridge road, Westchester Village. Court open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Trial of causes, Tuesday and Friday of each week.

Peter A. Sheil, Justice.
Stephen Collins, Clerk.

Office hours from 9 a. m. to 4 p. m.; Saturdays closing at 12 m.

Telephone, 457 Westchester.

Second District—Twenty-third and Twenty-fourth Wards, except the territory described in chapter 934 of the Laws of 1895. Court-room southeast corner of Washington avenue and One Hundred and Sixty-second street. Office hours from 9 a. m. to 4 p. m. Court opens at 9 a. m., Sundays and legal holidays excepted.

John M. Tierney, Justice. Thomas A. Maher, Clerk.

Telephone, 3043 Melrose.

Borough of Brooklyn.

First District—Coprising 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. Parts I. and II.

Eugene Conran, Justice. Edward Moran. Clerk.

Clerk's Office open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.

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.

John R. Farrar, George Freifield, Justices Franklin B. Van Wart, Clerk.

Clerk's Office open from 8.45 a. m. to 4 p. m. Sundays and legal holidays excepted. Saturdays 8.45 a. m to 12 m.

Telephone, 504 Bedford.

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 to 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.

Philip D. Meagher and William J. Bogenshutz, Justices. John W. Carpenter, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted.

Court opens at 9 a. m.

Telephone, 995 Williamsburg.

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.

Jacob S. Strahl, Justice, Joseph P. McCarthy, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted.

Fifth District—Contains the Eighth, Thirtieth and Thirty-first Wards, and so much of the Twenty-second Ward as lies south of Prospect avenue.

Court-house, northwest corner of Fifty-third street and Third avenue (No. 5220 Third avenue).

Cornelius Furgueson, Justice. Jeremiah J. O'Leary, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted.

Telephone, 407 Bay Ridge.

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 avenue 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.

Lucien S. Bayliss and W. Seward Shanahan, Justices. William R. Fagan, Clerk.

Court-house, No. 236 Duffield street.

Telephone, 6166-J Main.

Seventh District—The Seventh District embraces the Twenty-sixth, Twenty-eighth and Thirty-second Wards.

Alexander S. Rosenthal and Edward A. Richards, Justices. Samuel F. Brothers, Clerk.

Court-house, corner Pennsylvania avenue and Fulton street (No. 31 Pennsylvania avenue).

Clerk's Office open from 8.45 a. m. to 4 p. m., **Saturdays, 9 a. m. to 12 m. Trial days, Tuesdays, Wednesdays, Thursdays and Fridays. During July and August, 8.45 a. m. to 2 p. m.**

Telephones, 904 and 905 East New York.

Borough of Queens,

First District—Embraces the territory bounded by and within the canal, Rapelye avenue, Jackson avenue, Old Bowery Bay road, Bowery Bay, East River and Newtown Creek. Court-room, St. Mary's Lyceum, Nos. 115 and 117 Fifth street, 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. John F. Cassidy, Clerk.

Telephone, 2376 Greenpoint.

Second District—Embraces the territory bounded by and within Maspeth avenue, Maurice avenue, Calamus road, Long Island Railroad, Trotting Course lane, Metropolitan avenue, boundary line between the Second and Fourth Wards, boundary line between the Second and Third Wards, Flushing creek, Ireland Mill road Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck bay, East river, Bowery bay, Old Bowery Bay road, Jackson avenue, Rapelye avenue, the canal and Newtown creek. Court-room in Court-house of the late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. Address, Elmhurst, Queens County, New York.

John M. Cragen, Justice. J. Frank Ryan Clerk.

Trial days, Tuesdays and Thursdays.

Fridays for Jury trials only.

Clerk's Office open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.

Telephone, 87 Newtown.

Third District—Embraces the territory bounded by and within Maspeth avenue, Maurice avenue, Calamus road, Long Island Railroad, Trotting Course lane, Metropolitan avenue, boundary line between the Second and Fourth Wards, Vandeveer avenue, Jamaica avenue, Shaw avenue, Atlantic avenue, Morris avenue, Rockaway road. boundary line between Queens and Nassau counties, Atlantic Ocean, Rockaway Inlet, boundary line between Queens and Kings counties and Newtown creek.

Alfred Denton, Justice. John H. Huhn, Clerk, 1908 and 1910 Myrtle avenue, Glendale.

Telephone, 2352 Bushwick.

Clerk's Office open from 9 a. m. to 4 p. m.

Trial days, Tuesdays and Thursdays (Fridays for **Jury trials only), at 9 a. m.**

Fourth District—Embraces the territory bounded by and within the boundary line between the Second and Fourth Wards, the boundary line between the Second and Third Wards, Flushing creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck bay, boundary line between Queens and Nassau counties, Rockaway road, Morris avenue, Atlantic avenue, Shaw avenue, Jamaica avenue and Vandeveer avenue.

Court-house, Town Hall, northeast corner oi Fulton street and Flushing avenue, Jamaica.

James F. McLaughlin, Justice. George W. Damon, Clerk.

Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Telephone, 1654 Jamaica.

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. Thomas E. Crimins, Clerk.

Clerk's Office open from 8.45 a. m. to 4 p. m.

Telephone, 503 Tompkinsville.

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

Arnold J. B. Wedemeyer, Justice. William Wedemeyer, Clerk.

Clerk's Office open from 8.45 a. m. to 4 p. m.

Court opens at 9 a. m. Calendar called at 9 a. m. Court continued until close of business. Trial days, Mondays, Wednesdays and Fridays.

Telephone, 313 Tompkinsville.

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 14, until 2 o'clock p. m., on

WEDNESDAY, DECEMBER 13, 1911.

FOR FURNISHING AND DELIVERING 1,000 CUBIC YARDS OF WASHED GRAVEL.

The time allowed for the performance of the contract is until December 31, 1911.

The amount of security required is $500.

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

Blank forms and specifications may be had at the office of the Commissioner of Public Works, 13 to 21 Park row, Bureau of Highways, Room 1611, Borough of Manhattan.

GEORGE McANENY, President.

The City of New York, December 2, 1911.

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

DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF 55TH ST. AND 6TH AVE., 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

MONDAY, DECEMBER 11, 1911.

FOR FURNISHING AND DELIVERING METAL TILE ROOFING, METAL LATH, GALVANIZED IRON LEADER PIPE, METALLIC PAINT, ETC., FREIGHT PREPAID TO THE TUBERCULOSIS SANATORIUM AT OTISVILLE, ORANGE COUNTY, NEW YORK.

Contracts will be awarded to the lowest bidder for each class complete.

The time for the delivery of the supplies and the performance of the contract is sixty (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 to the lowest bidder for each class complete.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms, blue prints, and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of 55th st. and 6th ave., Borough of Manhattan.

ERNST J. LEDERLE, Ph.D., President; ALVAH H. DOTY, M.D., RHINELANDER WALDO, Board of Health.

Dated November 28, 1911. n28,d11

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

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 223, 280 Broadway (Stewart Building), Borough of Manhattan, New York City, on Mondays, Tuesdays and Thursdays of each week, at 2 o'clock p. m., until further notice.

Dated New York City, July 26, 1911.

WILLIAM D. DICKEY, CAMBRIDGE LIVINGSTON, DAVID ROBINSON, Commissioners.

LAMONT MCLAUGHLIN, Clerk.

BELLEVUE AND ALLIED HOSPITALS

DEPARTMENT OF BELLEVUE AND ALLIED HOSPITALS, NEW YORK CITY, 26TH ST. AND 1ST AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Board of Trustees in the Staff Room of Bellevue Hospital (entrance, 415 E. 26th st.), until 3 o'clock p. m. on

TUESDAY, DECEMBER 5, 1911,

FOR ALL LABOR AND MATERIALS REQUIRED FOR FURNISHING AND INSTALLING THE LAUNDRY MACHINERY AND EQUIPMENT IN THE NEW LAUNDRY BUILDING OF THE NEW BELLEVUE HOSPITAL, SITUATED AT TWENTY-SIXTH TO TWENTY-NINTH STS., 1ST AVE. TO EAST RIVER, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time allowed for doing and completing all the work included under this contract will be not more than one hundred and twenty (120) consecutive calendar days from date of mailing notice that the Comptroller has attached his signature to the contract.

The surety required will be Thirty Thousand Dollars ($30,000).

The bids will be compared and the contract awarded as soon thereafter as practicable, according to law.

Blank forms may be obtained at the office of the Contract Clerk, 400 E. 29th st., Borough of Manhattan.

JOHN W. BRENNAN, President, Board of Trustees, Bellevue and Allied Hospitals.

Dated November 20, 1911. n22,d5

☞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, 157 AND 159 EAST 67TH 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, DECEMBER 12, 1911,

1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ESTABLISHING AND EQUIPPING AN EXTENSION OF THE FIRE ALARM TELEGRAPH SYSTEM IN THE BOROUGH OF RICHMOND.

The time for the completion of the work and the full performance of the contract is by or before thirty (30) days.

The amount of security required is fifty per cent. (50%) of the amount of the 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 Fire Department, 157 and 159 East 67th street, Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

n29,d12

☞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, 157 AND 159 EAST 67TH 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, DECEMBER 12, 1911,

1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ESTABLISHING AND EQUIPPING AN EXTENSION OF THE UNDERGROUND FIRE ALARM TELEGRAPH SYSTEM IN THE BOROUGHS OF MANHATTAN AND BROOKLYN.

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

The amount of security required is fifty per cent. (50%) of the amount of the 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 Fire Department, 157 and 159 East 67th street, Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

n29,d12

☞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, 157 AND 159 E. 67TH ST., 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, DECEMBER 11, 1911,

Borough of The Bronx.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION AND COMPLETION OF A NEW BUILDING FOR AN ENGINE AND A HOOK AND LADDER COMPANY ON THE SOUTHWEST CORNER OF BAILEY AVE. AND ALBANY ROAD, BOROUGH OF THE BRONX.

The time allowed for the erection and completion of the building is one hundred and fifty (150) working days.

The surety required will be fifty per cent. (50%) of the amount of the bid or estimate.

The contract will be awarded at a lump or aggregate sum.

Borough of Richmond.

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION AND COMPLETION OF A NEW BUILDING FOR AN ENGINE COMPANY ON THE SOUTHWEST CORNER OF SARAH ANN AND HANNAH STS., TOMPKINSVILLE, BOROUGH OF RICHMOND.

The time allowed for the erection and completion of the building is one hundred and fifty (150) working days.

The surety required will be fifty per cent. (50%) of the amount of the bid or estimate.

The contract will be awarded at a lump or aggregate sum.

Borough of Brooklyn.

No. 3. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION AND COMPLETION OF A NEW BUILDING FOR AN ENGINE COMPANY ON EASTERLY SIDE OF 7TH AVE., 75 FEET SOUTH OF 50TH ST., BOROUGH OF BROOKLYN.

The time allowed for the erection and completion of the building is one hundred and fifty (150) working days.

The surety required will be fifty per cent. (50%) of the amount of the bid or estimate.

The contract will be awarded at a lump or aggregate sum.

No. 4. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION AND COMPLETION OF A NEW BUILDING FOR AN ENGINE COMPANY AT 528 KNICKERBOCKER AVE., BOROUGH OF BROOKLYN.

The time allowed for the erection and completion of the building is one hundred and fifty (150) working days.

The surety required will be fifty per cent. (50%) of the amount of the bid or estimate.

The contract will be 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 Hoppin & Koen, architects, 244 5th ave., or at the office of the Fire Department, 157 and 159 E. 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

n27,d11

☞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, 157 AND 159 EAST 67TH 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, DECEMBER 5, 1911,

1. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES IN THE BOROUGH OF MANHATTAN.

The time for the delivery of the articles, materials and supplies and the performance of the contract is thirty (30) days.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

2. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES IN THE BOROUGH OF THE BRONX.

The time for the delivery of the articles, materials and supplies and the performance of the contract is thirty (30) 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, 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, 157 and 159 East 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

n23,d5

☞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, 157 AND 159 EAST 67TH 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, DECEMBER 5, 1911,

Borough of The Bronx,

1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ALTERATIONS AND REPAIRS TO QUARTERS OF ENGINE CO. NO. 61, 1518 WILLIAMSBRIDGE ROAD (WESTCHESTER); AND ENGINE CO. NO. 70. 169 SCOFIELD STREET (CITY ISLAND).

The time for the completion of the work and the full performance of the contract is forty-five (45) days.

The amount of security required is One Thousand Dollars ($1,000).

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

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Fire Department, 157 and 159 E. 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

n22,d5

☞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, 157 AND 159 EAST 67TH 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, DECEMBER 5, 1911,

Borough of Manhattan,

1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR INSTALLING A COMPLETE ELECTRIC LIGHT SYSTEM IN THE QUARTERS OF ENGINE CO. NO. 33, 42 AND 44 GREAT JONES STREET; AND IN THE QUARTERS OF ENGINE CO. NO. 55, 363 BROOME STREET.

The time for the completion of the work and the full performance of the contract is Thirty (30) days.

The amount of security required is Eight Hundred Dollars ($800).

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 Fire Department, 157 and 159 E. 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

n22,d5

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

COMMISSIONER OF RECORDS, COUNTY OF NEW YORK.

DEPARTMENT OF THE COMMISSIONER OF RECORDS, COUNTY OF NEW YORK, HALL OF RECORDS, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Records, County of New York, at the Hall of Records, Borough of Manhattan, Room 12, eighth floor, until 12 o'clock noon, on

FRIDAY, DECEMBER 15, 1911.

FOR FURNISHING AND DELIVERING, IN THE OFFICE OF THE COMMISSIONER OF RECORDS, COUNTY OF NEW YORK, IN THE HALL OF RECORDS, INDEX BOOKS COMPRISING: LOOSE LEAF BINDERS; COATED CLOTH DIVISION SHEETS; LETTERED TABS; RULING, PRINTING, CUTTING, PUNCHING AND CREASING INDEX SHEETS, PAPER STOCK FOR WHICH WILL BE FURNISHED BY THE COMMISSIONER OF RECORDS. ALL TO BE DONE IN ACCORDANCE WITH THE CONTRACT AND SPECIFICATIONS, SAMPLES AND COPY, SHOWN IN THE OFFICE OF THE COMMISSIONER OF RECORDS, COUNTY OF NEW YORK.

The time allowed for furnishing and delivering the supplies will be 60 consecutive calendar days.

The security required will be fifty per cent. of the amount bid.

Bidders must state a lump sum for the above contract, as the contract is entire and for the complete job.

Samples and copy may be seen, and blank forms of instructions to bidders and of the contract and specifications may be obtained at the office of the Commissioner of Records, County of New York, at the Hall of Records, as above.

WILLIAM S. ANDREWS, Commissioner of Records, County of New York, State of New York, City of New York, Borough of Manhattan.

d5,15

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

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 Queens,

2077. Sewer in 4th ave., between Flushing and Potter aves.; First Ward.

Affecting block numbers 77, 78, 87 and 88.

2078. Temporary sewer in Hoffman boulevard, from Hillside ave. to Jefferson st.; Fourth Ward.

Affecting block numbers 668, 669, 675 and 676.

2079. Sewer in Jackson ave., from Payntar ave. to South Washington place, and in South Washington place, from Jackson ave. to Academy st.; First Ward.

Affecing block numbers 96, 97, 113 and 170.

2080. Sewer in 9th ave., from Graham ave. to the crown 295 feet south of Pierce ave.; in Pierce ave., between 8th and 9th aves.; and in 8th ave., between Pierce and Graham aves.; First Ward.

Affecting block numbers 143, 144, 155, 157, 160, 162, 173, 174.

2081. Temporary sewer in 9th ave., from the railroad bridge to 14th st.; Whitestone, Third Ward.

Affecting block numbers 84 and 141.

2082. Sewer in 2d ave., from the crown south of Pierce ave. to Graham ave. and in Pierce ave., between 2d and 3d aves.; First Ward.

Affecting block numbers 107, 108, 111 and 112.

Borough of Richmond,

2047. Temporary sewer in Bay st., between Cross st. and Water st.; and between Cross and Prospect sts.

Affecting Bay st., between Water and Sands sts.; Prospect st., between Van Duzer and Bay sts.

2053. Temporary sewer in Trossach road, from a point about 100 feet east of Pearl st. to Pearl st.; Pearl st., from Trossach road to a point about 110 feet southerly.

Affecting plot 8, lots 358 and 359; Second Ward.

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, 320 Broadway, New York, on or before January 2, 1912, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan, December 2, 1911. d2,13

PUBLIC NOTICE IS HEREBY GIVEN TO all persons claiming to have been injured by a change of grade in the regulating and grading of the following named streets to present their claims, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, on or before December 12, 1911, at 11 o'clock a. m., at which place and time the said Board of Assessors will receive evidence and testimony of the nature and extent of such injury. Claimants are requested to make their claims for damages upon the blank form prepared by the Board of Assessors, copies of which may be obtained upon application at the above office:

Borough of Manhattan,

2134. 218th st., between Broadway and Seaman ave.

2148. 143d st., west, from Riverside drive to a point 331 feet west of Broadway.

Borough of The Bronx,

2139. Olinville ave. (Richard st.), between Burke st. (Morris st.) and Bronx and Pelham parkway.

2141. Barretto st., between Lafayette ave. and Spofford st.

2145. Seneca ave., from Hunts Point ave. to Whittier st.

2146. Trafalgar place, between 175th and 176th sts.

2224. Canal st., west, between 135th st. and 138th st.

2225. Leggett ave., between Southern boulevard and Randall ave.

2226. 192d st., east, between Creston ave. and Kingsbridge road.

Borough of Brooklyn,

2176. Avenue P, between E. 15th st. and E. 17th st.

2177. Alton place, from Flatbush ave. to 40th st.

2178. Bay 8th st., between Battery and Cropsey aves.

2180. Bowne st., between Van Brunt and Richard sts.

2181. Carroll st., between Albany ave. and Troy ave.

2183. E. 35th st., between Avenues J and L.

2184. 83d st., between 24th and Stillwell aves.

2185. 89th st., between 3d and 5th aves.

2186. Eldert lane, from Atlantic avenue to Liberty ave.

2190. 46th st., from 10th ave. to Fort Hamilton ave.

2191. 52d st., from 13th ave. to 16th ave.

2192. 61st st., between 6th and 7th aves.

2193. Lott ave., from E. 98th st. to Junius st.; Amboy st. to Bristol st. and Watkins st. to Junius st.

2194. Martense st., between Nostrand and New York aves.

2197. 97th st., between 4th and Fort Hamilton aves.

2201. Sheffield ave., between Riverdale ave. and New Lotts road.

2202. Starr st., between Irving and Wyckoff aves.

2205. Winthrop st., between Nostrand and New York aves.

Borough of Queens,

2206. Crescent st., between Webster ave. and Broadway.

2207. Crescent st., between Jamaica and Newtown aves.

2208. Ditmars ave., between Steinway ave. and Shore road.

2209. 5th ave., between Jackson and Pierce aves.

2210. 14th ave., between Newtown road and Grand ave.

2212. Lawrence st., between Walcott ave. and Winthrop ave.

2213. Payntar ave., between Vernon ave. and Sunswick st.

2215. 10th st., between Vernon and Van Alst aves.

2216. 13th ave., between Jamaica and Grand aves.

Borough of Richmond,

2217. Lafayette ave., between Hatfield ave. and Hatfield place.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan, November 28, 1911. n28,d9

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,

2129. Paving W. 132d st., from Broadway to 12th ave.

2130. Paving W. 162d st., from Broadway to Fort Washington ave.

2132. Paving W. 164th st., from Broadway to Fort Washington ave.

The area of assessment in the above mentioned lists extends to within half the block at the intersecting streets.

Borough of The Bronx.

2029. Sewer in Brown place, between E. 132d st. and Southern boulevard.

Affecting Block Number 2277.

2054. Sewer in E. 180th st., between Anthony ave. and the Grand Boulevard and Concourse.

Affecting Block Number 3156.

2073. Paving, curbing Avenue St. John, from Prospect ave. to Southern boulevard.

2074. Paving, curbing, etc., Kelly st., from Westchester ave. northerly to Intervale ave.

The area of assessment in the above mentioned lists extends to within one-half the block at the intersecting streets.

2076. Receiving basins at the southwest and southeast corners of E. 184th st. and Ryer ave.

Affecting Block Numbers 3151 and 3159.

2083. Receiving basin at the southwest corner of Jackson ave. and E. 160th st.

Affecting Block Numbers 2630, 2637 and 2647.

2095. Receiving basin at the northeast corner of Gouverneur place and Park ave. east.

Affecting Block Number 2388.

Borough of Brooklyn.

1915. Regulating, grading, curbing and flagging 8th ave., between 40th and 49th sts.

1935. Regulating, grading, curbing and flagging Sterling place, between Eastern parkway extension and Howard ave.

1950. Regulating, grading, curbing and flagging 13th ave., between 66th and 75th sts.

1979. Regulating, grading, curbing and flagging 77th st., between 1st and 2d aves.

1990. Regulating, grading, curbing and flagging 53d st., between New Utrecht and 18th aves.

1991. Regulating, grading to a width of 25 feet on each side of the centre line, curbing and flagging 59th st., from 12th to 13th ave.

1993. Regulating, grading, curbing and flagging Malta st., from New Lots road (avenue) to Hegeman ave.

2024. Regulating, grading, curbing and flagging E. 23d st., from Canarsie Lane to Avenue D.

2027. Regulating, grading, curbing and flagging Sterling place, between Eastern Parkway extension and East New York ave.

2060. Regulating, grading, curbing and flagging 43d st., between 10th ave. and West st.

2067. Paving Sutter ave., between Berriman st. and Montauk ave.

2085. Paving E. 26th st., between Clarendon road and Avenue D.

2086. Paving E. 28th st., from Foster ave. to Flatbush ave.

2087. Paving E. 31st st., between Church and Snyder aves.

2091. Paving 67th st., from 2d ave. to 3d ave.

2112. Paving 76th st., from 2d ave. to 3d ave.

The area of assessment on the above lists extends to within half the block at the intersecting streets.

2037. Sewer in 58th st., between New Utrecht and 14th aves.

Affecting Block Numbers 5698 and 5705.

2043. Basin at the north corner of Stanhope st. and Cypress ave.

Affecting Block Numbers 25 and 3262; bounded by Cypress ave., Stanhope st., Stockholm st. and Covert ave.

2045. Basins on Atlantic ave. at the northeast corner of Chestnut st.; at the northwest corner of Euclid ave. and the southwest corner of Elderts Lane.

Affecting Block Numbers 4143 and 4175.

Borough of Queens.

2043. Basin at the north corner of Stanhope st. and Cypress ave.

Affecting Block Number 25 in the Second Ward.

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, 320 Broadway, New York, on or before December 26, 1911, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan, November 25, 1911. n25,d7

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,

2046. Paving and curbing 170th st., from Fort Washington ave. to Haven ave.

Borough of The Bronx,

1966. Regulating, grading, curbing, flagging, etc., Eden ave., from Morris ave. to East 174th st.

The area of assessment extends to within half the block at the intersecting streets.

1867. Relief drain in Morris Park ave., from existing drain about 50 feet east of Victor st. to existing outlet about 150 feet west of Taylor st.

Affecting property bounded by Boston road, Williamsbridge road and Pelham Parkway South, Heath ave. and Lurting ave., from Lydick ave. to Pelham Parkway South; Hone ave., from Neil ave. to Pelham Parkway South; Paulding ave., from Rhinelander ave. to Pelham Parkway South; Golden ave., from Morris Park ave. to Bogart ave.; Radcliff ave., from Morris Park ave. to Golden ave.; Bogart ave., from Morris Park ave. to Pelham Parkway South; Fowler ave., from Morris Park ave. to Neil ave.; Muliner ave., Mathews ave. Barnes ave. and Wallace ave., from Bear Swamp road to Pelham Parkway South; Holland ave. and Cruger ave., from Lydig ave. to Pelham Parkway South; Pelham Parkway South, from Monroe ave. to Crueger ave.; Lydig ave., from Holland ave. to Lurting ave.; Brady ave., from Wallace ave. to Radcliffe ave.; Neil ave., from Barnes ave. to Paulding ave.; Rhinelander ave., from Bear Swamp road to Golden ave.; Bear Swamp road, from Van Nest ave. to White Plains road; all the property bounded by White Plains road at the intersection of Bear Swamp road, Birchell st., Unionport road, Morris Park ave., West Farms road, Rose st., Columbus ave. to Bear Swamp road then through Bear Swamp road to White Plains road, the place of beginning.

Borough of Brooklyn,

1949. Regulating, grading, curbing and flagging Union st., between Nostrand and New York ave. Together with a list of awards for damages caused by a change of grade.

The area of assessment extends to within half the block at the intersecting streets.

2008. Sewer in Avenue J, between Coney Island ave. and Ocean ave., with outlet sewers in E. 18th st., from Avenue J to Avenue K; in Ocean ave., from Avenue J to Avenue K (west side) in Avenue K, from E. 18th st. to Nostrand ave.; Nostrand ave., from Avenue K to Avenue M; in Avenue M, from Nostrand ave. to Flatlands ave., in Flatlands ave., from Avenue M to Flatbush ave.; also both sides of Ocean ave., between Avenues K and L; with outlet in Avenue L, between Ocean avenue and East 21st st. (Kenmore place); E. 21st st. (Kenmore place), from Avenue L to Avenue M and in Avenue M, from E. 21st st. to Nostrand ave.

Affecting Block Numbers 6494 to 6498; 6509 to 6513; 6519 to 6523; 6527 to 6536; 6542 to 6546; 6569 to 6573; 6588 to 6592; 6616, 6617, 6686 to 6688, 6691, 6695 to 6699; 6704 to 6772; 7584, 7602 to 7612, 7620 to 7632; 7638 to 7690; 7692 to 7700; 7815 to 7818; 7858 to 7861.

2009. Sewer in Benson ave., from Bay 25th st. to Bay 26th st.

Affecting block numbers 6375, 6376, 6409 and 6410.

2010. Paving Christopher ave., between Riverdale ave. and New Lots road (New Lots ave).

2070. Paving W. 5th st., from Surf ave. to a point 540 feet south.

The area of assessment extends to within half the block at the intersecting streets.

2014. Sewer in East 37th st., from the end of the existing sewer about 100 feet north of Clarendon road to Canarsie lane and basin at the northeast corner of E. 37th st. and Clarendon road.

Affecting Block Numbers 4636 and 4637.

2015. Sewer basins in 14th ave., at the northeast corner of 42d st.; northeast and northwest corners of 43d st.; and at the northerly corner of 63d st.

Affecting Block Numbers 5594, 5599, 5605 and 5712.

2033. Sewer in 81st st., between 12th and 13th aves.

Affecting Block Numbers 6279 and 6291.

2034. Sewer in 15th ave., between New Utrecht ave. and 68th st.; in New Utrecht ave., west side, between 66th st. and 15th ave.; in 68th st., between 14th and 15th aves.; and in 68th st., between New Utrecht and 15th aves.

Affecting Block Numbers 5565; 5769; 5776; 5573; 5762.

2035. Sewer in 42d st., between 14th and 16th aves.

Affecting Block Numbers 5344, 5362, 5363 and 5600.

2036. Sewer in 51st st., between New Utrecht and 13th aves.

Affecting Block Numbers 5648 and 5655.

2039. Sewer basins in Nostrand ave., at the northeast corner of Avenne D; at the northeast corner of Newkirk ave.; and at the northeast and northwest corners of Avenue D.

Affecting Block Numbers 4947, 4949, 4950 and 4964.

2121. Sewer in Otsego st., between Lorraine and Dwight sts.

Affecting Block Number 568.

All persons whose interest 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, 320 Broadway, New York, on or before December 26, 1911, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan, November 25, 1911. n25,d7

DEPARTMENT OF FINANCE.

Notice to Taxpayers.

DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF TAXES, 57 CHAMBERS ST. (STEWART BUILDING), MANHATTAN.

IMPORTANT NOTICE TO TAXPAYERS.

NOTICE IS HEREBY GIVEN TO ALL PERsons *whose taxes for the year* 1911 *have not been paid before the 1st day of December of the said year,* that unless the same shall be paid to the Receiver of Taxes at his office in the Borough in which the property is located, as follows:

Borough of Manhattan, 57 Chambers st.;

Borough of The Bronx, Municipal Building, corner 3d and Tremont aves.;

Borough of Brooklyn, Rooms 2, 4, 6 and 8, Municipal Building;

Borough of Queens, Court square, Long Island City;

Borough of Richmond, Borough Hall, St. George;

—he will charge, receive and collect upon such taxes so remaining unpaid on that day, in addition to the amount of such taxes, interest at the rate of seven per centum per annum, to be calculated from the day on which the said taxes became due and payable, viz., October 2, as provided in section 914 of the Charter as amended by chapter 447, Laws of 1908.

December 1, 1911.

FRED. H. E. EBSTEIN, Receiver of Taxes.

d1,12

Interest on City Bonds and Stock.

THE INTEREST DUE JANUARY 1, 1912, on registered bonds and stock of The City of New York, and of former corporations now included therein, will be paid on January 2, 1912, by the Comptroller at his office (Room 85) in the Stewart Building, corner of Broadway and Chambers st., in the Borough of Manhattan.

The interest due January 1, 1912, on the coupon bonds of the late City of Brooklyn will be paid on January 2, 1912, by the Nassau National Bank of Brooklyn, 26 Court st., in the Borough of Brooklyn.

The interest due on January 1, 1912, on coupon bonds of former corporations now included in The City of New York, except the late City of Brooklyn and the former County of Queens, will be paid on January 2, 1911, at the office of the Guaranty Trust Co. of New York, 28 and 30 Nassau st., Borough of Manhattan.

The coupons that are payable on January 1, 1912, for interest on bonds issued by the former County of Queens will be paid on January 2, 1912, at the Queens County Bank, Branch of the Corn Exchange Bank, Borden ave. and Front st., Long Island City.

The books for the transfer of bonds and stock on which interest is due on January 1, 1912, will be closed from December 15, 1911, to January 2, 1912.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 1, 1911. d2,j1

Notices of Sale.

NOTICE OF CONTINUATION OF THE BRONX TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of The Bronx, as to liens remaining unsold at the termination of sales of February 6, 20; March 6, April 10, May 1, 15, 29, June 19, July 10, September 11, November 13 and 27, 1911, has been continued to

MONDAY, DECEMBER 11, 1911,

at 10 o'clock a. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in the Coroner's Court Room, Bronx Building, 531 Tremont ave., in the Borough of The Bronx, in The City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

Dated November 27, 1911. n28,d11

NOTICE OF CONTINUATION OF QUEENS TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Queens, Fifth Ward, as to liens remaining unsold at the termination of sale of November 21, 1911, has been continued to

TUESDAY, DECEMBER 12, 1911,

at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in the Arrears office, third floor, Municipal Building, Court House Square, Long Island City, in the Borough of Queens, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

Dated November 21, 1911. n22,d12

Corporation Sales.

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF the Borough of Queens, 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 by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Queens,

Being all the buildings, parts of buildings, etc., standing within the lines of Borden avenue, from Greenpoint avenue to Bradley avenue, in the First Ward of the Borough of Queens, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 22, 1911, the sale by sealed bids, at the upset or minimum prices named in the description of each parcel of the above buildings and appurtenances thereto, will be held by direction of the Comptroller on

THURSDAY, DECEMBER 21, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel 6—One story frame building, 79 Gale street. Upset price, $20.

Parcel 7—One and one-half story frame building, 77 Gale street. Upset price, $5.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 21st day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 21, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's office, November 28, 1911. d5,21

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF the Borough of The Bronx, 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 by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes, in the

Borough of The Bronx,

Being the buildings, parts of buildings, etc., standing within the lines of Gun Hill road, from Webster avenue to Elliott avenue, in the Borough of The Bronx, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 22, 1911, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above building and appurtenances thereto will be held by direction of the Comptroller on

WEDNESDAY, DECEMBER 20, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel 3—Part of three story frame building and extension on the north side of Gun Hill road, about 175 feet east of the New York and Harlem Railroad tracks. Cut 8.9 feet on west side by 9.6 feet on east side by 34.4 feet. Also part of two and one-half story frame building, about 75 feet east of the first named. Cut 10.2 feet on west side by 10.1 feet on east side by 22.3 feet. Upset price, $100.

Parcel 5—Part of one story frame building and steps on north side of Gun Hill road, about 75 feet west of the Bronx River. Cut 10.2 feet on west side by 9.7 feet on east side by 12 feet. Upset price, $10.

Parcel 12—Part of one story frame saloon on the southeast corner of Gun Hill road and Station place. Cut 4 feet on west side by 9.8 feet on east side by 33 feet. Upset price, $100.

Parcel 15—Part of two story frame building on the southwest corner of Gun Hill road and Bronx boulevard. Cut 8.8 feet on west side by 8.7 feet on east side by 20.5 feet. Upset price, $100.

Parcel 18—Part of three story frame building on the south side of Gun Hill road, about 100 feet east of Bronx boulevard. Cut 10.1 feet on east and west sides by 25.2 feet. Upset price, $100.

Sealed Bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 20th day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 20, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's office, November 28, 1911. d4,20

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF the Borough of Queens, 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 by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Queens,

Being all the buildings, parts of buildings, etc., standing within the lines of Central avenue, from the southwesterly line of Kossuth place to the easterly line of Olmstead place in the Borough of Queens, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 22, 1911, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto, will be held by direction of the Comptroller on

TUESDAY, DECEMBER 19, 1911,

at 11 a. m., in lots and parcels and in mannr and form and at upset price, as follows:

Parcel 29—One story frame shed (17 feet by 126 feet), and one story frame stable (18 feet by 46 feet), on the north side of Central avenue, between Freemont place and Kossuth place. Upset price, $25.

Parcel 30—Two and one-half story frame house, 425 Kossuth place. Upset price, $500.

Parcel 31—Rear part of two story concrete house, 427 Kossuth place. Cut 22.87 feet on west side by 44.80 feet on east side from front of lot. Upset price, $50.

Parcel 32—Rear part of two story concrete house, 429 Kossuth place. Cut 12.6 feet on west side by 11.09 feet on rear end. Upset price, $10.

Parcels 41 to 44—Two story frame stable, barn and shed. Also part of one story cement block plant, at Central avenue and Freemont place. Upset price, $20.

Parcel 47—Two story frame house and shed at 25 Broad street. Upset price, $200.

Parcel 91—Extension of two story brick house on northeast corner of Central avenue and Richard avenue. Cut 4.88 feet on each end by 11.72 feet. Upset price, $5.

Parcel 136—Corner of one story frame building on the northeast corner of Central avenue and Olmstead place. Upset price, $5.

Sealed Bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 19th day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 19, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's office, November 28, 1911. d4,20

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF the Borough of The Bronx, 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 by sealed bids, at the upset or minimum prices stated for each parcel, certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of The Bronx,

Being all the buildings, parts of buildings, etc., standing within the lines of Pleasant avenue, from Gun Hill Road to East 219th street, in the Borough of The Bronx, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 22, 1911, the sale by sealed bids, at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto, will be held by direction of the Comptroller on

MONDAY, DECEMBER 18, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel 10—Fence on the west side of Pleasant avenue, 150 feet south of East 213th street. Upset price, $2.

Parcel 12—Fence on the west side of Pleasant avenue, 50 feet south of East 213th street. Upset price, $5.

Parcel 14—Fence and part of steps on the northwest corner of Pleasant avenue and East 213th street. Upset price, $10.

Parcel 15—Fence and part of steps north of and adjoining Parcel 14. Upset price, $4.

Parcel 16—Fence north of and adjoining Parcel 15. Upset price, $3.

Parcel 17—Fence and part of steps north of and adjoining Parcel 16. Upset price, $4.

Parcel 18—Fence north of and adjoining Parcel 17. Upset price, $4.

Parcel 19—Fence north of and adjoining Parcel 18. Upset price, $12.

Parcel 20—Fence north of and adjoining Parcel 19. Upset price, $10.

Parcel 21—Fence and steps north of and adjoining Parcel 20. Upset price, $12.

Parcel 22—Fence and steps north of and adjoining Parcel 21. Upset price, $6.

Parcel 23—Fence north of and adjoining Parcel 22. Upset price $2.

Parcel 24—Fence and part of porch and steps north of and adjoining Parcel 23. Upset price, $15.

Parcel 25—Fence and part of porch and steps north of and adjoining Parcel 24. Upset price, $15.

Parcel 26—Fence and part of porch north of and adjoining Parcel 25. Upset price, $12.

Parcel 27—Iron fence north of and adjoining Parcel 26. Upset price, $5.

Parcel 28—Fence north of and adjoining Parcel 27 Upset price, $3.

Parcel 29—Fence north of and adjoining Parcel 28. Upset price, $2.

Parcel 30—Fence north of and adjoining Parcel 29. Upset price, $2.

Parcel 31—Fence on the southwest corner of Pleasant avenue and East 216th street. Upset price, $5.

Parcel 33—Fence on the northwest corner of Pleasant avenue and East 216th street. Upset price, $10.

Parcel 34—Fence north of and adjoining Parcel 33. Upset price, $5.

Parcel 35—Fence north of and adjoining Parcel 34. Upset price, $5.

Parcel 36—Fence north of and adjoining Parcel 35. Upset price, $5.

Parcel 37—Fence north of and adjoining Parcel 36. Upset price, $5.

Parcel 38—Fence and part of steps north of and adjoining Parcel 37. Upset price, $5.

Parcel 39—Fence north of and adjoining Parcel 38. Upset price, $6.

Parcel 40—Part of steps north of and adjoining Parcel 39. Upset price $8.

Parcel 41—Part of steps north of and adjoining Parcel 40. Upset price, $8.

Parcel 42—Part of steps north of and adjoining Parcel 41. Upset price, $8.

Parcel 43—Part of steps north of and adjoining Parcel 42. Upset price, $8.

Parcel 44—Fence north of and adjoining Parcel 43. Upset price, $10.

Parcel 45—Part of steps of three houses north of and adjoining Parcel 44. Upset price, $24.

Parcel 48—Fence on the northeast corner of Pleasant avenue and Gun Hill road. Upset price, $1.

Parcel 49. Fence on the east side of Pleasant avenue, north of and adjoining Parcel 48. Upset price, $3.

Parcel 50—Fence north of and adjoining Parcel 49. Upset price, $3.

Parcel 51—Fence north of and adjoining Parcel 50 Upset price, $1.

Parcel 52—Fence north of and adjoining Parcel 51. Upset price, $1.

Parcel 53—Fence north of and adjoining Parcel 52. Upset price, $2.

Parcel 54—Fence north of and adjoining Parcel 53. Upset price, $2.

Parcel 55—Fence north of and adjoining Parcel 54. Upset price, $1.

Parcel 57—Fence on the southeast corner of Pleasant avenue and East 213th street. Upset price, $3.

Parcel 60—Fence on the east side of Pleasant avenue, 100 feet north of East 213th street. Upset price, $4.

Parcel 61—Fence north of and adjoining Parcel 60. Upset price, $4.

Parcel 62—Fence north of and adjoining Parcel 61. Upset price, $4.

Parcel 63—Fence north of and adjoining Parcel 62. Upset price, $4.

Parcel 64—Fence north of and adjoining Parcel 63. Upset price, $4.

Parcel 65—Fence and part of steps north of and adjoining Parcel 64. Upset price, $5.

Parcel 66—Wall and fence north of and adjoining Parcel 65. Upset price, $5.

Parcel 67—Wall north of and adjoining Parcel 66. Upset price, $5.

Parcel 68—Wall north of and adjoining Parcel 67. Upset price, $5.

Parcel 69—Wall and part of steps north of and adjoining Parcel 68. Upset price, $5.

Parcel 70—Fence north of and adjoining Parcel 69. Upset price, $10.

Parcel 71—Fence north of and adjoining Parcel 70. Upset price, $4.

Parcel 72—Wall and fence north of and adjoining Parcel 71. Upset price, $5.

Parcel 73—Wall and fence north of and adjoining Parcel 72. Upset price $8.

Parcel 76—Fence on the northeast corner of Pleasant avenue and East 216th street. Upset price, $6.

Parcel 77—Fence and part of steps north of and adjoining Parcel 76. Upset price, $4.

Parcel 78—Fence and part of steps north of and adjoining Parcel 77. Upset price, $5.

Parcel 79—Fence and part of steps north of and adjoining Parcel 78. Upset price, $4.

Parcel 81—Fence 50 feet north of Parcel 79. Upset price, $10.

Parcel 82—Fence north of and adjoining Parcel 81. Upset price, $7.

Parcel 83—Fence north of and adjoining Parcel 82. Upset price, $7.

Parcel 84—Fence north of and adjoining Parcel 83. Upset price, $2.

Parcel 85—Fence north of and adjoining Parcel 84. Upset price, $2.

Parcel 86—Fence north of and adjoining Parcel 85. Upset price, $2.

Parcel 88—Fence 50 feet north of Parcel 86. Upset price, $3.

Parcel 89—Fence north of and adjoining Parcel 88. Upset price, $3.

Parcel 90—Fence north of and adjoining Parcel 89. Upset price, $3.

Parcel 91—Fence north of and adjoining Parcel 90. Upset price, $8.

Parcel 92—Fence north of and adjoining Parcel 91. Upset price, $3.

Parcel 93—Two story frame house about 125 feet south of East 219th street. Upset price, $350.

Parcel 94—Fence north of and adjoining Parcel 92. Upset price, $2.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 18th day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 18, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's office, November 28, 1911. d1,18

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF the Borough of The Bronx, 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 by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes, in the

Borough of The Bronx,

Being the buildings, parts of buildings, etc., standing within the lines of Burke street (Morris street), from White Plains road to Bronx boulevard, in the Borough of The Bronx, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 22, 1911, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above buildings and appurtenances thereto, will be held by direction of the Comptroller on

SATURDAY, DECEMBER 16, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices, as follows:

Parcel 1—Part of two and one-half story frame house on the southwest corner of Burke street and Barker avenue. Cut 1.3 feet on front and rear. Upset price, $25.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 16th day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 16, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 25, 1911. n29,d16

CORPORATION SALE BY SEALED BIDS OF THE LEASE OF CERTAIN REAL ESTATE AND APPURTENANCES THERETO.

UPON THE AUTHORIZATION OF THE Commissioners of the Sinking Fund, and pursuant to a resolution adopted by them at a meeting held November 22, 1911, the Comptroller of The City of New York will sell by sealed bids on

FRIDAY, DECEMBER 15, 1911,

at 11 a. m., in Room K, 280 Broadway, Borough of Manhattan, the lease for a period of five years commencing January 1, 1912, of the premises belonging to the Corporation of The City of New York, situated on the northwesterly corner of Delancey and Attorney sts., plot 25 feet by 100 feet, with the improvements thereon, known as 178 Delancey st., in the Borough of Manhattan.

The Comptroller will receive sealed bids for the lease of the said parcel of land and the improvements thereon, for the said period, at the minimum or upset price of $3,100 per annum, payable quarterly in advance, and the said sale will be made upon the following

TERMS AND CONDITIONS:

Each bid must be accompanied by cash or certified check for twenty-five per cent. of the amount of the yearly rental offered; the amount so paid for one quarter's rent shall be forfeited if the successful bidder does not execute the lease, when notified that it is ready for execution.

He will also be required to give an undertaking in the amount of the annual rent paid, with two sufficient sureties to be approved by the Comptroller, for the payment of the rent quarterly in advance and for the performance of the covenants and terms of the lease.

No person shall be received as lessee or surety who is a delinquent on any former lease from the Corporation, and no bid shall be accepted from any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter as surety, or otherwise, upon any obligation to the City, as provided by law.

The lease will be in the usual form of leases of like property, and will contain, in addition to other terms, covenants and conditions as follows:

First—A clause providing that the lessee shall pay the usual rates for water, per meter measurements, and comply with the rules and regulations of the Department of Water Supply, Gas and Electricity.

Second—A clause providing that the lessee shall not make any alterations or improvements on the property, except with the consent and approval of the Comptroller.

Third—A clause providing that the lessee shall make all necessary repairs at his own cost and expense and comply with the rules and regulations of all City departments.

Fourth—A clause providing that all repairs, alterations and improvements made on or to the property by the lessee during the period of the lease shall become the property of The City of New York at the expiration of said lease.

The Comptroller shall have the right to reject any or all bids if deemed to be to the interest of The City of New York.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 23, 1911. n28,d15

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE POLICE COMmissioner, 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 by sealed bids certain buildings standing upon property owned by The City of New York, acquired by it for Police Department purposes in the

Borough of Manhattan,

Being the old Eighteenth Precinct Station House and the adjoining building, which are situated on the plot of ground approximately 50 feet by 90 feet on the southerly side of West 20th st., distant 405.2 feet westerly from the southwest corner of 7th ave. and West 20th st., and known as 230 and 232 West 20th st., in the Borough of Manhattan, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution adopted by the Commissioners of the Sinking Fund, at a meeting

held November 22, 1911, the sale by sealed bids of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

THURSDAY, DECEMBER 14, 1911,

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel No. 1—Four story and basement brick building, 230 West 20th st. Old Eighteenth Precinct Station House.

Parcel No. 2—Three story and basement brick building, 232 West 20th st., and four story brick rear building.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 14th day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 14, 1911," and must be delivered or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 22, 1911. n27,d14

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF the Borough of Manhattan, 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 by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Manhattan,

Being all the buildings, parts of buildings, etc., standing within the lines of Bennett avenue, from West 181st street to the westerly side of Broadway, opposite Nagle avenue, in the Borough of Manhattan, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 22, 1911, the sale by sealed bids, at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

WEDNESDAY, DECEMBER 13, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel No. 1—Part of one and one-half story frame house on the northwest corner of Bennett avenue and Broadway. Cut 7.2 feet on front by 8.3 feet on rear by 28.5 feet. Upset price, $20.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 13th day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 13, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue," Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 22, 1911. n25,d13

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of The Bronx, 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 by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes, in the

Borough of The Bronx,

Being certain buildings, parts of buildings, etc., standing within the lines of Bronx boulevard, from the northerly line of Gun Hill road to Burke avenue, in the Borough of The Bronx, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 22, 1911, the sale, by sealed bids, at the upset or minimum prices named in the description of each parcel of the above-described buildings and appurtenances thereto, will be held by direction of the Comptroller on

TUESDAY, DECEMBER 12, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel 40—Part of two story frame house on the west side of Bronx boulevard, about 240 feet north of Burke avenue. Cut 5.6 feet on north side by 5.5 feet on south side by 20.1 feet. Upset price, $100.

Parcel 42—Part of two and one-half story frame house on the west side of Bronx boulevard, about 80 feet north of Parcel 40. Cut 4.3 feet on north side by 5.6 feet on south side by 18.2 feet. Upset price, $100.

Parcel 58—Part of two and one-half story frame house and part of one story frame stable on the west side of Bronx boulevard, about 225 feet south of Julianna street. Cut house 7.4 feet on north side by 7.3 feet on south side by 22.2 feet. Cut stable 26 feet on north and south sides by 12.3 feet. Upset price, $150.

Parcel 62—Part of two story frame building on the northwest corner of Bronx boulevard and Julianna street. Cut 27.2 feet on north side by 26.8 feet on south side by 23.5 feet. Upset price, $50.

Parcel 65—Part of two story frame house on the east side of Bronx boulevard, about 75 feet north of Burke avenue. Cut 11.8 feet on south side by 11.5 feet on north side by 20.1 feet. Upset price, $100.

Parcel 66—Part of two story frame house on the east side of Bronx boulevard, north of and adjoining Parcel 65. Cut 11.5 feet on south side by 11.2 feet on north side by 20.1 feet. Upset price, $100.

Parcel 67—Part of two story frame house on the east side of Bronx boulevard, north of and adjoining Parcel 66. Cut 11.2 feet on south side by 11.1 feet on north side by 20.1 feet. Upset price, $100.

Parcel 68—Part of two story frame house on the east side of Bronx boulevard, north of and adjoining Parcel 67. Cut 11.1 feet on south side by 11 feet on north side by 20.1 feet. Upset price, $100.

Parcel 70—Part of one and one-half story frame house on the east side of Bronx boulevard, about 200 feet north of Parcel 68. Cut 11.2 feet on south side by 11 feet on north side by 23.8 feet. Also well house. Upset price, $25.

Parcel 80—Part of two story frame house on the northeast corner of Bronx boulevard and Julianna street. Cut 9.3 feet on front by 4 feet on rear extension by 40.3 feet. Upset price, $125.

Parcel 81—Part of two story frame house, with extensions and outhouse, within the lines of Bronx boulevard, near the Bronx River. Cut 8.4 feet on southwest side by corner of rear steps. Upset price, $100.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 12th day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 12, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date, to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 24, 1911. n24,d12

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE BOARD OF Education, 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 by sealed bids certain buildings standing upon property owned by The City of New York, acquired by it for school site purposes in the

Borough of Brooklyn,

Being all the buildings, parts of buildings, etc., standing on the plot of ground, 80 feet by 100 feet, on the easterly side of Pennsylvania ave., distant 200 feet southerly from the southeast corner of Pennsylvania ave. and Liberty ave. in the Borough of Brooklyn, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution adopted by the Commissioners of the Sinking Fund, at a meeting held October 25, 1911, the sale by sealed bids of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

TUESDAY, DECEMBER 5, 1911,

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel No. 1—One story frame church building. 173 Pennsylvania ave.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 5th day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 5, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 21, 1911. n23,d5

Sureties on Contracts.

UNTIL FURTHER NOTICE SURETY COMpanies will be accepted as sufficient upon the following contracts to the amounts named:

Supplies of Any Description, Including Gas and Electricity.

One company on a bond up to $50,000.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated September 16, 1907.

Construction.

One company on a bond up to $25,000.

Including regulating, grading, paving, sewers, maintenance, dredging, construction of parks, parkways, docks, buildings, bridges, tunnels, aqueducts, repairs, heating, ventilating, plumbing, etc., etc.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated September 16, 1907.

Asphalt, Asphalt Block and Wood Block Pavements.

Two companies will be required on any and every bond up to amount authorized by letter of Comptroller to the surety companies, dated September 16, 1907.

Dated January 3, 1910.

WILLIAM A. PRENDERGAST, Comptroller.

Notices 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 QUEENS:

FIRST WARD.

WOOLSEY AVENUE—REGULATING, GRADING, CURBING, LAYING SIDEWALKS AND CROSSWALKS, from Hallett street to Second avenue. Area of assessment: Both sides of Woolsey avenue, from Hallett street to Second avenue, and to the extent of half the block at the intersecting streets.

—the above-entitled assessment was confirmed by the Board of Assessors on November 28, 1911, and entered November 28, 1911, in the Record of Titles of Assessments kept in the Bureau for the Collection of 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 in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

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

The above 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, 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 by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated at 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, at the Municipal Building, Court House Square, Long Island City, Borough of Queens, 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 January 27, 1912, 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 assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 28, 1911. d2,13

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-FOURTH WARD, SECTION 5.

CARROLL STREET—REGULATING, GRADING, CURBING AND FLAGGING, between Bedford and Rogers avenues. Area of assessment: Both sides of Carroll street, between Bedford and Rogers avenues, and to the extent of half the block at the intersecting avenues.

TWENTY-EIGHTH WARD, SECTION 11.

ELDERT STREET — PAVING, between Knickerbocker avenue and the Queens County line. Area of assessment: Both sides of Eldert street, from Knickerbocker avenue to the Queens County line, and to the extent of half the block at the intersecting streets.

TWENTY-NINTH WARD, SECTION 5.

MALBONE STREET—REGULATING TO A WIDTH OF 50 feet on each side of centre line, CURBING AND FLAGGING, between the Bridge over the Brighton Beach Railroad and Nostrand avenue. Area of assessment: Both sides of Malbone street, from the Brighton Beach Railroad to Nostrand avenue, and to the extent of half the block at the intersecting streets.

TWENTY-NINTH WARD, SECTION 16.

EAST FIFTH STREET—PAVING, from a point about 300 feet north of Avenue F to Ditmas avenue. Area of assessment: Both sides of East 5th street, from a point about 300 feet north of Avenue F to Ditmas avenue, and to the extent of half the block at the intersecting streets.

LAWRENCE AVENUE — REGULATING, GRADING, CURBING AND FLAGGING, from Gravesend avenue to the Ocean parkway, and on NEWKIRK AVENUE, from Ocean parkway to 1st street. Area of assessment: Both sides of Lawrence avenue, from Gravesend avenue to Ocean parkway, and both sides of Newkirk avenue, from Ocean parkway to First street, and to the extent of half the block at the intersecting streets.

THIRTY-SECOND WARD, SECTION 23.

EAST FORTIETH STREET—REGULATING AND GRADING, between Hubbard place and Flatlands avenue. Area of assessment: Both sides of East 40th street, from Hubbard place to Flatlands avenue, and to the extent of half the block at the intersecting and terminating streets.

—that the same were confirmed by the Board of Assessors on November 28, 1911, and entered November 28, 1911, 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 by section 1019 of the Greater New York Charter.

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

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

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague streets, Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 27, 1912, 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 such assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 28, 1911. d2,13

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 RICHMOND:

SECOND WARD.

BAY STREET—CONSTRUCTING CURBS AND GUTTERS, from Wave street to Elizabeth street. Area of assessment: North side of Wave street, between Bay street and the Staten Island Rapid Transit Railroad, and east side of Bay street about 20 feet north of Wave street.

—the above entitled assessment was confirmed by the Board of Revision of Assessments on November 24, 1911, and entered November 24, 1911, in the Record of Titles and 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 by section 1006 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated at 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, at Borough Hall, St. George, Borough of Richmond, 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 January 23, 1912, 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 assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 24, 1911. n28,d9

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.

LIVONIA AVENUE—REGULATING, GRADING, CURBING AND FLAGGING, between Barrett street and Hopkinson avenue. Area of assessment: Both sides of Livonia avenue, from Barrett street to Hopkinson avenue, and to the extent of half the block at the intersecting streets.

POWELL STREET—REGULATING, GRADING, CURBING AND FLAGGING, between Dumont and Livonia avenues. Area of assessment: Both sides of Powell street, from Dumont to Livonia avenues, and to the extent of half the block at the intersecting streets.

TWENTY-EIGHTH WARD, SECTION 11.

PUTNAM AVENUE—REGULATING, GRADING, CURBING AND FLAGGING, from Knickerbocker avenue to the Queens County Line. Area of assessment: Both sides of Putnam avenue, from Knickerbocker avenue to the Queens County line, and to the extent of half the block at the intersecting and terminating streets.

PUTNAM AVENUE—PAVING, between Knickerbocker avenue and the Queens County Line. Area of assessment: Both sides of Putnam avenue, from Knickerbocker avenue to the Queens County line and to the extent of half the block at the intersecting and terminating streets.

THIRTY-SECOND WARDS, SECTIONS 16, 20 AND 23.

OCEAN AVENUE—PAVING, from a point about 180 feet more or less north of Avenue F to Avenue H, and from Avenue I to Kings Highway. Area of assessment: Both sides of Ocean avenue, from Avenue F to Avenue H and from Avenue I to Kings Highway, and to the extent of half the block at the intersecting streets.

OCEAN AVENUE—REGULATING, GRADING, SETTING CURB, LAYING CEMENT SIDEWALKS, FLAGGING AND PARKING, from a point about 180 feet north of Avenue G to Avenue H and from Avenue I to Kings Highway. Area of assessment: Both sides of Ocean avenue, from 180 feet north of Avenue G to Avenue H, and from Avenue I to Kings Highway, and to the extent of half the block at the intersecting streets.

—that the same were confirmed by the Board of Revision of Assessments on November 24, 1911, and entered November 24, 1911, 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 by section 1019 of the Greater New York Charter.

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

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

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague streets, Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before January 23, 1912, 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 such assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 24, 1911. n28,d9

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 THE BRONX:

TWENTY-FOURTH WARD, SECTION 11.

SEABURY PLACE—SEWER, between Charlotte st. and the Boston road. Area of assessment affects Blocks 2966, 2967 and 2977.

TWENTY-FOURTH WARD, SECTION 12.

WEST TWO HUNDRED AND THIRTY-EIGHTH STREET—REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES, DRAINS, WALLS, ETC., AND ERECTING FENCES, from Sedgwick ave. to Cannon place. Area of assessment: Both sides of West 238th st., from Sedgwick ave. to Cannon place, and to the extent of half the block at the intersecting and terminating streets.

—that the same were confirmed by the Board of Assessors on November 21, 1911, and entered November 21, 1911, 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 in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

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

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of 177th st. and 3d ave., 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 January 20, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 21, 1911. n25,d7

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

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

TWENTY-FOURTH WARD, SECTION 12.

JEROME AVENUE—OPENING, between Van Cortlandt Park and that part of Jerome ave. extending from Woodlawn road to Mosholu ave. Confirmed April 3, 1905, and January 18, 1911; entered November 22, 1911. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the point of intersection of the easterly line of Knox place with a line drawn parallel to and distant 200 feet southerly from the southerly line of Gun Hill road; running thence northerly along said easterly line of Knox place and along a line parallel to and distant 200 feet westerly from the westerly line of Jerome ave. to its intersection with the westerly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of East 233d st.; thence easterly along said prolongation and parallel line to its intersection with the middle line of the block between Jerome ave. and Mount Vernon ave.; thence southerly along said middle line of the block between Jerome ave. and Mount Vernon ave. to its intersection with a line drawn from a point on westerly side of Mount Vernon ave. equally distant from Jerome ave. and East 233d st. and at a right angle on the southerly side with the said westerly side of Mount Vernon ave.; thence easterly along the said line drawn at a right angle to the westerly side of Mount Vernon ave. and its prolongation eastwardly to its intersection with a line drawn parallel to and distant 100 feet easterly from the easterly side of Mount Vernon ave.; thence southerly along the last mentioned parallel line to its intersection with a line drawn parallel to and distant 200 feet northeasterly from the northeasterly side of Jerome ave.; thence southerly along the last mentioned parallel line to its intersection with a line drawn from a point on the westerly side of Woodlawn road equally distant from Jerome ave. and East 213th st. and at a right angle to the said westerly line of Woodlawn road; thence westerly along said line drawn at a right angle to the westerly side of Woodlawn road to its intersection with a line drawn parallel to and distant 100 feet easterly from the easterly side of Woodlawn road; thence southerly along the last mentioned parallel line to its intersection with a line drawn parallel to and distant 200 feet southerly from the southerly side of Gun Hill road; thence westerly along the last mentioned parallel line to the point or place of beginning.

The above entitled assessment was entered on the date hereinbefore given in the Record of Titles of Asssments, 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 by section 1019 of the 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 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, in the Mechanics Bank Building, corner of 177th st. and 3d ave., 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 January 22, 1912, 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.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 22, 1911. n25,d7

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-EIGHTH WARD, SECTION 11.

HIMROD STREET—SEWER, from St. Nicholas ave. to the Borough Line. Area of assessment affects Blocks Nos. 3272 and 4282.

THIRTIETH WARD, SECTION 18.

MARINE AVENUE—REGULATING, GRADING, CURBING AND FLAGGING, from 92d st. to Fort Hamilton ave. Area of assessments: Both sides of Marine ave., from 92d st. to Fort Hamilton ave., and to the extent of half the block at the intersecting streets.

—that the same were confirmed by the Board of Assessors on November 21, 1911, and entered November 21, 1911, 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 by section 1019 of the 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 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, in the Municipal Building, Court House Square, Long Island City, Borough of Queens, 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 January 20, 1912, 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 assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 21, 1911. n25,d7

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 QUEENS:

SECOND WARD.

HIMROD STREET—SEWER, from St. Nicholas ave. to the Borough Line. Area of assessments affects Blocks Nos. 5, 12, 13, 19, 20, 21, 24 to 34, inclusive, 40 to 65, inclusive, and 72, Newtown.

—the above-entitled assessment was confirmed by the Board of Assessors on November 21, 1911, and entered November 21, 1911, in the Record of Titles of Assessments kept in the Bureau for the Collection of 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 in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

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

The above 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, at the Municipal Building, Court House Square, Long Island City, Borough of Queens, 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 January 20, 1912, 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 assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 21, 1911. n25,d7

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 7.

WEST ONE HUNDRED AND EIGHTH STREET—RESTORING ASPHALT PAVEMENT, 125 feet east of Broadway. Area of assessment: North side of 108th st., 125 feet east of Broadway, known as Lot 7, Block 1880.

The above assessment was certified to the Collector of Assessments and Arrears, under the provisions of section 391 of the Greater New York Charter.

—that the same was entered on November 21, 1911, 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 in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act.

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

The above 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, in the Municipal Building, Court House Square, Long Island City, Borough of Queens, 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 January 20, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 21, 1911. n25,d7

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 MANHATTAN:

TWELFTH WARD, SECTION 8,

ARDEN AVENUE—REGULATING, GRADING, CURBING AND RECURBING, from Broadway to Nagle ave. Area of assessment: Both sides of Arden ave., from Broadway to Nagle ave., and to the extent of half the block at the intersecting streets.

EMERSON STREET—PAVING, CURBING AND RECURBING, from Broadway to Seaman ave. Area of assessment: Both sides of Emerson st. (West 207th st.), from Broadway to Seaman ave., and to the extent of half the block at the intersecting streets.

EMERSON STREET—PAVING, CURBING, RECURBING, FLAGGING AND REFLAGGING, from 10th ave. to Broadway. Area of assessment: Both sides of Emerson st. (West 207th st.), from 10th ave. to Broadway, and to the extent of half the block at the intersecting streets.

—that the same were confirmed by the Board of Assessors on November 21, 1911, and entered November 21, 1911, in the Record of Title 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 in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

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

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room H, 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 January 20, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, November 21, 1911.

n25,d7

DEPARTMENT OF CORRECTION.

DEPARTMENT OF CORRECTION, 148 EAST 20TH 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 a. m., on

TUESDAY, DECEMBER 12, 1911,

1. FOR FURNISHING AND DELIVERING 3,250 GROSS TONS WHITE ASH PEA COAL.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1911.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

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

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

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 Department of Correction, the Borough of Manhattan, 148 East 20th st.

PATRICK A. WHITNEY, Commissioner.

Dated November 28, 1911. n29,d12

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

BOARD MEETINGS.

Board of Aldermen.

The Board of Aldermen meets in the Aldermanic Chamber, City Hall, every Tuesday, at 1.30 o'clock p. m.

P. J. SCULLY, City Clerk and Clerk to the Board of Aldermen.

Board of Estimate and Apportionment.

The Board of Estimate and Apportionment meets in the Old Council Chamber (Room 16), City Hall, every Thursday, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

Commissioners of Sinking Fund.

The Commissioners of the Sinking Fund meet in the Meeting Room (Room 16), City Hall, on Wednesdays, at 11 a. m., at call of the Mayor.

HENRY J. WALSH, Deputy Chamberlain, Secretary.

Board of Revision of Assessments.

The Board of Revision of Assessments meets in the Meeting Room (Room 16), City Hall, every Friday, at 11 a. m., upon notice of the Chief Clerk.

JOHN KORB, JR., Chief Clerk.

Board of City Record.

The Board of City Record meets in the City Hall at call of the Mayor.

DAVID FERGUSON, Supervisor, Secretary.

DEPARTMENT OF BRIDGES.

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for a lease of four-story brick building 20 feet more or less by 75 feet more or less, known and designated as 167 South street,, Borough of Manhattan, for a period of one year at an upset price of Eight Hundred and Twenty Dollars ($820).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for a lease of four-story brick building 21 feet more or less by 75 feet more or less, known and designated as 168 South street, Borough of Manhattan, for a period of one year at an upset price of Nine Hundred and Twenty Dollars ($920).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for a lease of four-story brick building 20 feet more or less by 71 feet more or less, known and designated as 170 South street, Borough of Manhattan, for a period of one year at an upset price of Nine Hundred and Seventy Dollars ($970).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for a lease of four-story brick building 34 feet more or less by 71 feet more or less, known and designated as 171-172 South street, Borough of Manhattan, for a period of one year at an upset price of One Thousand Dollars ($1,000).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for lease of four-story brick building 21 feet more or less by 75 feet more or less, known and designated as 169 South street, Borough of Manhattan, for a period of one year at an upset price of Nine Hundred and Seventy Dollars ($970).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for a lease of three-story brick building 22 feet more or less by 67 feet more or less, known and designated as 279 Front street, Borough of Manhattan, for a period of one year at an upset price of Eight Hundred Dollars ($800).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for a lease of three-story brick building 23 feet more or less by 67 feet more or less, known and designated as 275 Front street, Borough of Manhattan, for a period of one year at an upset price of Six Hundred Dollars ($600).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the best interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for a lease of three-story brick building 22 feet more or less by 67 feet more or less, known and designated as 277 Front street, Borough of Manhattan, for a period of one year at an upset price of Six Hundred and Fifty Dollars ($650).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the best interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for a lease of three-story brick building 22 feet more or less by 72 feet more or less, known and designated as 277 Front street, Borough of Manhattan, for a period of one year at an upset price of Six Hundred and Fifty Dollars ($650).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the best interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for lease of two-story brick building 34 feet more or less by 65 feet more or less, known and designated as 262-264 Front street, Borough of Manhattan, for a period of one year at an upset price of Nine Hundred Dollars ($900).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the best interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for lease of two-story brick building 23 feet more or less by 71 feet more or less, known and designated as 295 Water street, Borough of Manhattan, for a period of one year at an upset price of Eight Hundred Dollars ($800).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the best interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for a lease of two and three-story brick buildings 59 feet more or less by 145 feet more or less, known and designated as 291-293 Water street and 266-270 Front street, Borough of Manhattan, for a period of one year at an upset price of Two Thousand Eight Hundred Dollars ($2,800).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the best interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for a lease of three-story brick building 35 feet more or less by 80 feet more or less, known and designated as 285-287 Water street, Borough of Manhattan, for a period of one year at an upset price of One Thousand Dollars ($1,000).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the best interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for lease of two-story brick building 23 feet more or less by 71 feet more or less, known and designated as 297 Water street, Borough of Manhattan, for a period of one year at an upset price of Eight Hundred Dollars ($800).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the best interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for a lease of three-story brick building 22 feet more or less by 72 feet more or less, known and designated as 277 Front street, Borough of Manhattan, for a period of one year at an upset price of Six Hundred and Fifty Dollars ($650).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the best interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for lease of Warehouse No. 1, Frankfort street, Borough of Manhattan, for a period of one year at an upset price of Two Thousand Dollars ($2,000).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the best interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for lease of Warehouse No. 2, Frankfort street, Borough of Manhattan, for a period of one year at an upset price of One Thousand Eight Hundred Dollars ($1,800).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the best interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE 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

FRIDAY, DECEMBER 15, 1911,

for lease of bulkhead and property in rear of same, located at foot of 207th street under Manhattan approach to University Heights Bridge, for a period of one year at an upset price of One Thousand Two Hundred Dollars ($1,200).

The terms and conditions are contained in the blank forms which may be obtained at the office of the Department of Bridges.

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

ARTHUR J. O'KEEFFE, Commissioner.
Dated December 1, 1911. d5,15

DEPARTMENT OF BRIDGES, 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, DECEMBER 14, 1911,

FOR FURNISHING AND ERECTING ONE DUPLEX, TWO-STAGE, MOTOR-DRIVEN AIR COMPRESSOR AT THE WILLIAMSBURGH BRIDGE, IN THE BOROUGH OF BROOKLYN.

The contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller of The City of New York, and will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the plans and specifications on or before the expiration of four calendar months from the date of said certification.

In case the contractor shall fail to complete the work within the time aforesaid, he shall pay to The City of New York the sum of ten dollars ($10) for each and every calendar day the time consumed in said performance and completion may exceed the time allowed.

The amount of security to guarantee the faithful performance of the work will be Two Thousand Five Hundred Dollars ($2,500).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFFE, Commissioner.
Dated November 27, 1911. d2,14

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

DEPARTMENT OF BRIDGES, 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, DECEMBER 14, 1911,

FOR CONSTRUCTING A TIMBER APPROACH TO WHARF AT THE UNIVERSITY HEIGHTS BRIDGE OVER THE HARLEM RIVER.

The Contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller of The City of New York, and will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the plans and specifications within thirty (30) consecutive working days.

In case the Contractor shall fail to complete the work within the time aforesaid, he shall pay to The City of New York the sum of twenty dollars ($20) for each and every calendar day the time consumed in said performance and completion may exceed the time allowed.

The amount of security to guarantee the faithful performance of the work will be One Thousand Dollars ($1,000).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFFE, Commissioner.
Dated November 29, 1911. d2,14

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

DEPARTMENT OF BRIDGES, 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, DECEMBER 21, 1911,

FOR FURNISHING AND INSTALLING THE ELEVATORS IN THE MUNICIPAL BUILDING.

The bidder shall state in his bid the type of electric elevator upon which his bid is based; and he shall also state the car speed which he guarantees, which speed must be between the limits specified.

The contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller of The City of New York, and will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the plans and specifications on or before the expiration of eight calendar months from the date of said certification.

In case the contractor shall fail to complete the work within the time aforesaid, he shall pay to The City of New York the sum of One Hundred Dollars ($100) for each and every calendar day the time consumed in said performance and completion may exceed the time allowed.

The amount of security to guarantee the faithful performance of the work will be One Hundred and Fifty Thousand Dollars ($150,000).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFFE, Commissioner.
Dated November 27, 1911. n29,d21

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

DEPARTMENT OF BRIDGES, 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, DECEMBER 7, 1911,

FOR FURNISHING AND DELIVERING GALVANIZED WIRE ROPE TO THE QUEENSBORO BRIDGE.

The time for the delivery of the materials and for the performance of the contract will be 60 calendar days after the receipt by the contractor of a written order to deliver the materials from the Commissioner of Bridges.

The amount of security to guarantee the faithful performance of the work will be Five Hundred Dollars ($500).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFFE, Commissioner.
Dated November 22, 1911. n24,d7

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

BOROUGH OF THE BRONX.

NOTICE OF SALE AT PUBLIC AUCTION under the direction of Cyrus C. Miller, President, Borough of The Bronx,

WEDNESDAY, DECEMBER 6, 1911,

at 11 a. m., at the stable of the Bureau of Highways, 181st st. and Webster ave.

Lot No. 14—ONE LOT OF OLD PAPER.

TERMS OF SALE.

All property shall be sold "as is." Cash payment or bankable funds at the time and place of sale, and removal of the materials within 48 hours from the date of sale. If the purchaser or purchasers do not comply with the above conditions of removal, they shall forfeit his or their purchase money and the ownership of the articles purchased, which will be thereafter sold for the benefit of the City. The City will not be liable for any loss or damage to property sold between the time of sale and time of removal.

And the President of the Borough of The Bronx reserves the right on the day of the sale to withdraw from the sale any of the articles and materials, or to reject all bids.

CYRUS C. MILLER, President of the Borough of The Bronx. d4,6

NOTICE OF SALE AT PUBLIC AUCTION under the direction of Cyrus C. Miller, President, Borough of The Bronx,

WEDNESDAY, DECEMBER 6, 1911,

at 11 a. m., at the stable of the Bureau of Highways, 181st st. and Webster ave.

Lot No. 1. Seizure No. 2287—1 Geo. Sterk & Co. grand piano; 229 iron frame folding chairs, wooden backs, plush covers; 45 chair seats attached; 32 chair backs detached.

Lot No. 2—150 window sashes with glass; 3 show windows; 30 panelled doors; 3 kitchen ranges; 1 furnace; 2 boxed bath-tubs; 1 set of stone wash-tubs; 1 set of enameled wash-tubs; 1 marble wash basin for bath room; 2 kitchen sinks; 1 lot of galvanized iron water pipes; 1 lot of gas pipe and fixtures; 1 lot of iron fireplace backs.

Lot No. 3—1 pile 4-inch by 12-inch, various lengths, yellow pine, consisting of 150 pieces; 1 pile 1⅞-inch by 5½-inch, various lengths, yellow pine, 100 pieces.

Lot No. 4—18 lanterns; 90 square point shovels; 1 blacksmith vise; 26 scythes (blades); 9 rakes; 260 pounds rubber hose, ¾-inch, about 625 feet; 1 oil can; 31 round point shovels; 1 sand rammer; 16 scythe handles; 159 picks; 2 pair rubber boots; 5 snow shovels; 1 paving hammer; 6 sickles; 14 hoes; 71 grubs.

Lot No. 5—1 lot second-hand picket fencing and gates, window and door frames, including 3 pair stairs; 1 lot second-hand window shutters and blinds, consisting of 50; 1 large pile of second-hand boards and material from demolished houses, consisting of 100 beams; 200 joists and 1 sectional tool house; also boards from newspaper stand.

Lot No. 6. Seizure No. 2296—1 lot of glazier's stock and fixtures, consisting of 20 cases of broken glass; 3 boxes of sample frame corners; 1 desk; 1 ash can; 1 counter; 1 coal pail.

Lot No. 7—1 load of granite paving blocks.

Lot No. 8. Seizure No. 2278—1 pile of about 1,000 brick.

Lot No. 9—1 pile of slate, 1,000 pieces.

Lot No. 10—1 pile scrap iron.

Lot No. 11—1 carriage, shifting top.

Lot No. 12—1 pile of lead pipe, about 100 pounds.

Lot No. 13—1 lot of oil and tar barrels, about 80.

TERMS OF SALE.

All property shall be sold "as is." Cash payment or bankable funds at the time and place of sale, and removal of the materials within 48 hours from the date of sale. If the purchaser or purchasers do not comply with the above conditions or removal they shall forfeit his or their purchase money and the ownership of the articles purchased, which will be thereafter sold for the benefit of the City. The City will not be liable for any loss or damage to property sold between the time of sale and time of removal. And the President of the Borough of The Bronx reserves the right, on the day of the sale, to withdraw from the sale any of the articles and materials, or to reject all bids. n27,d6

MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION, NEW YORK, December 4, 1911.

PUBLIC NOTICE IS HEREBY GIVEN OF the proposed amendment of the Classification by striking from the exempt class, under the heading "Office of the Commissioners of Accounts," the title "Chief Engineer," and by including in the exempt class, under the heading "Office of the Commissioners of Accounts," the title "Director, Standard Testing Laboratory."

A public hearing will be allowed, at the request of any interested person, at the offices of the Commission, 299 Broadway, on

WEDNESDAY, DECEMBER 6, 1911,

at 10 o'clock a. m.

F. A. SPENCER, Secretary.
d4,6

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications are being received for the position of

DRIVER, DEPARTMENT OF STREET CLEANING,

at the office of the Labor Bureau, on the ground floor of the Criminal Courts Building, corner of White and Centre sts., from 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Wages, $800 a year; 25 cents an hour extra for Sunday.

Hours of work, 8. No grooming of horses.

Protection of civil service; pension fund when disabled, after 20 years service, or after age of sixty years.

Applicants must be citizens of the United States and must present their naturalization papers at the time of filing applications.

FRANK A. SPENCER, Secretary.
n15,

BOROUGH OF RICHMOND.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, BOROUGH HALL, ST. GEORGE, NEW BRIGHTON, NEW YORK CITY.

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

TUESDAY, DECEMBER 12, 1911,
Borough of Richmond,

1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SUBSTANTIAL AND SAFE FENCES IN FRONT OF VACANT LOTS WHEREVER THE SAME ARE NOT NOW BUILT OR ARE OUT OF REPAIR ON THE SOUTH SIDE OF INNIS STREET, BETWEEN MORNINGSTAR ROAD AND JOHN STREET, AND OTHER STREETS, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

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

1,750 linear feet of board fence, built.

35 strap angle braces, in place, complete, as described in specifications.

The time for the completion of the work and the full performance of the contract is thirty (30) days.

The amount of security required is Six Hundred Dollars ($600).

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

Bidders are requested to make their bids or estimates upon the blank form prepared by the President, a copy of which, with the proper envelope in which to enclose the bid, can be obtained upon application therefor at the office of the Engineer. The plans and the contract, including the specifications, in the form approved by the Corporation Counsel, may be seen and other information obtained at the office of the Engineer of the Borough of Richmond, Borough Hall, St. George, S. I.

GEORGE CROMWELL, President.

The City of New York, November 22, 1911.

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

BOROUGH OF BROOKLYN.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

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

WEDNESDAY, DECEMBER 13, 1911,

1. FOR REGULATING AND PAVING WITH SECOND-HAND GRANITE ON A SAND FOUNDATION THE ROADWAY OF NORTH HENRY ST., FROM GREENPOINT AVE. TO GREENE ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

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

3,195 square yards second-hand granite pavement with sand joints, 1 year maintenance.

210 linear feet of headers furnished and set.

The time allowed for the completion of the work and the full performance of the contract will be twenty-five (25) working days.

The amount of security required will be Eleven Hundred Dollars ($1,100).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, square yard, or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained at office of Bureau of Highways, Room 12, Municipal Building, Borough of Brooklyn.

ALFRED E. STEERS, President.

Dated November 27, 1911. d1,13

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

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

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

WEDNESDAY, DECEMBER 6, 1911,

1. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN NOSTRAND AVE., BETWEEN CARROLL AND CROWN STS.; AND IN CROWN ST., BETWEEN NOSTRAND AND ROGERS AVES.; AND AN OUTLET SEWER IN CROWN ST., BETWEEN NOSTRAND AND NEW YORK AVES.

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

80 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.40	$192 00
1,750 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.70	2,975 00
2,250 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.80	1,800 00
16 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	800 00
Two (2) sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $135	270 00
17,000 feet, Board Measure, of sheeting and bracing driven in place complete, including all incidentals and appurtenances; per thousand feet, Board Measure, $18	306 00
Total	$6,343 00

The time allowed for the completion of the work and full performance of the contract will be sixty-five (65) working days.

The amount of security required will be Three Thousand Dollars ($3,000).

2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN BANKER ST., BETWEEN MESEROLE AND NASSAU AVES.

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

1,200 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.50	$1,800 00
1,620 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.75	1,215 00
12 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	600 00
5 sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $135	675 00
13,000 feet, Board Measure, of foundation and side planking and sills, laid in place complete, including all incidentals and appurtenances; per thousand feet, Board Measure, $25	325 00
49 cubic yards of concrete cradle, laid in place complete, including extra excavation and all incidentals and appurtenances; per cubic yard, $6	294 00
Total	$4,909 00

The time allowed for the completion of the work and full performance of the contract will be sixty (60) working days.

The amount of security required will be Two Thousand Five Hundred Dollars ($2,500).

3. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN NEW YORK AVE., BETWEEN MONTGOMERY ST. AND MALBONE ST., AND SEWER BASINS ON NEW YORK AVE., AT THE NORTHEAST, NORTHWEST AND SOUTHWEST CORNERS OF CROWN ST.; AT THE NORTHEAST, NORTHWEST AND SOUTHWEST CORNERS OF MONTGOMERY ST.; AT THE NORTHWEST AND SOUTHWEST CORNERS OF SULLIVAN ST., AND AT THE NORTHWEST AND SOUTHWEST CORNERS OF MALBONE ST.

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

390 linear feet of 30-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $4	$1,560 00
570 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.80	456 00
3 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $45	135 00
10 sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $135	1,350 00
2,000 feet, Board Measure, of foundation planking, laid in place complete, including all incidentals and appurtenances; per thousand feet, Board Measure, $25	50 00
Total	$3,551 00

The time allowed for the completion of the work and full performance of the contract will be forty (40) working days.

The amount of security required will be One Thousand Eight Hundred Dollars ($1,800).

4. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN EAST EIGHTH ST., BETWEEN JOHNSON ST. AND CATON PLACE, AND AN OUTLET SEWER IN JOHNSON ST., BETWEEN EAST SEVENTH AND EAST EIGHTH STS.

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

395 linear feet of 18-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2	$790 00
570 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.60	912 00
560 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances per linear foot, $0.70	392 00
10 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $45	450 00
4 sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods, and connecting culverts, including all incidentals and appurtenances; per basin, $125	500 00
Total	$3,044 00

The time allowed for the completion of the work and full performance of the contract will be fifty (50) working days.

The amount of security required will be Fifteen Hundred Dollars ($1,500).

5. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN LAWRENCE AVE., FROM GRAVESEND AVE. TO 3D ST.

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

28 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.80	$50 40
525 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.60	840 00
570 linear feet of 6-inch house connection drain laid complete, including all incidentals and appurtenances; per linear foot, $0.80	456 00
5 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	250 00
Total	$1,596 40

The time allowed for the completion of the work and full performance of the contract, will be forty (40) working days.

The amount of security required will be Eight Hundred Dollars ($800).

6. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN JOHNSON ST., BETWEEN EAST 8TH ST. AND CONEY ISLAND AVE.

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

229 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.40	$320 60
200 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.65	130 00
2 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $45	90 00
1 (one) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin, $125	125 00
1 (one) sewer basin reconnected complete, including all incidentals and appurtenances; per reconnection	30 00
Total	$695 60

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be Three Hundred Dollars ($300).

7. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER BASIN AT THE SOUTHWEST CORNER OF AVENUE H AND EAST 12TH ST.

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

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood, and connecting culvert, including all incidentals and appurtenances; per basin, $220	$220 00

The time required for the completion of the work and full performance of the contract will be ten (10) working days.

The amount of security required will be One Hundred Dollars ($100).

The foregoing Engineer's preliminary estimate of the total cost for the completed work is to be taken as the 100 per cent. basis and test for bidding. Proposals shall each state a single percentage of such 100 per cent. (such as 95 per cent., 100 per cent, or 105 per cent.), for which all materials and work called for in the proposed contract and the notices to bidders are to be furnished to the City. Such percentage, as bid for this contract, shall apply to all unit items specified in the Engineer's preliminary estimate to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, the Borough of Brooklyn, 215 Montague st., Brooklyn.

ALFRED E. STEERS, President.

Dated November 22, 1911. n23,d6

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

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

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

WEDNESDAY, DECEMBER 6, 1911,

1. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON BENSON AVE., FROM 20TH AVE. TO 21ST AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

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

280 cubic yards earth excavation.

140 cubic yards earth filling, not to be bid for.

1,250 linear feet cement curb, 1 year maintenance.

3,260 square feet cement sidewalk, 1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract will be twenty (20) working days.

The amount of security required will be Five Hundred Dollars ($500).

2. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF BENSON AVE., FROM 20TH AVE. TO 21ST AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

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

3,060 square yards asphalt pavement, 5 years maintenance.

425 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be Eighteen Hundred Dollars ($1,800).

3. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF LINCOLN PLACE, FROM A POINT 660 FEET EAST OF CLASSON AVE. TO FRANKLIN AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

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

975 square yards asphalt pavement, 5 years maintenance.

136 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be twenty (20) working days.

The amount of security required will be Six Hundred Dollars ($600).

4. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF PARK PLACE, FROM ROCHESTER AVE. TO SARATOGA AVE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

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

10,830 square yards of asphalt pavement, 5 years maintenance.

1,500 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be forty (40) working days.

The amount of security required will be Six Thousand Dollars ($6,000).

5. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF UNION ST., FROM NOSTRAND AVE. TO NEW YORK AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

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

2,750 square yards asphalt pavement, 5 years maintenance.

385 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be Sixteen Hundred Dollars ($1,600).

6. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF 13TH AVE., FROM 66TH ST. TO 73D ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

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

6,985 square yards asphalt pavement, outside railroad area, 5 years maintenance.

465 square yards asphalt pavement, within railroad area, no maintenance.

985 cubic yards concrete, outside railroad area.

65 cubic yards concrete, within railroad area.

The time allowed for the completion of the work and the full performance of the contract will be thirty-five (35) working days.

The amount of security required will be Forty-three Hundred Dollars ($4,300).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per cubic yard, square yard, linear foot or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms and further information may be obtained at the office of the Bureau of Highways, the Borough of Brooklyn, Room 12, Municipal Building.

ALFRED E. STEERS, President.

Dated November 17, 1911. n23,d6

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

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, noon, on

TUESDAY, DECEMBER 12, 1911,

CONTRACT NO. 1310—FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING RUBBER BUFFERS.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 10 calendar days.

The amount of security required is $1,800.

The bidder shall state, both in writing and in figures, a unit price for furnishing the buffers as called for and a total or aggregate price for furnishing and delivering all of the material called for. The contract, if awarded, will be awarded to the bidder whose aggregate price is the lowest and whose bid is regular in all respects.

In case of discrepancy between the written price and that given in figures the price in writing will be considered as the bid.

Delivery will be required to be made at the time and in the manner and in such qauntities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

CALVIN TOMKINS, Commissioner of Docks.

Dated November 28, 1911. n29,d12

☞**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 noon, on

FRIDAY, DECEMBER 8, 1911,

CONTRACT NO. 1308—FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING MISCELLANEOUS MACHINE TOOLS.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 30 calendar days.

The amount of security required is as follows:

Class 1—Motor driven screw cutting engine lathe, the sum of $350.

Class 2—Motor driven column crank shaper, the sum of $350.

Class 3—Motor driven 3½-inch spindle, horizontal boring and drilling machine, the sum of $1,200.

Class 4—Motor driven 4-inch pipe threading and cutting machine, the sum of $250.

Class 5—Motor driven bolt cutting machine, the sum of $250.

Class 6—Motor driven 36-inch by 36-inch metal working planer, the sum of $1,000.

The bidder shall state, both in writing and in figures, a price for furnishing the machine, complete as called for in the class upon which a bid is submitted. Each class is a separate and distinct contract in itself, and awards, if made, will be made in each class to the bidder whose price is lowest in the class and whose bid is regular in all respects.

In case of discrepancy between the written price and that given in figures the price in writing will be considered as the bid.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

CALVIN TOMKINS, Commissioner of Docks.

Dated November 24, 1911. n25,d8

☞**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 noon, on

THURSDAY, DECEMBER 7, 1911,
Borough of Richmond,

CONTRACT NO. 1290—FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REMOVING THE PRESENT WOODEN TROLLEY PLATFORM AND BUILDING A NEW PLATFORM IN STEEL AND CONCRETE AND FURNISHING AND INSTALLING ELECTROLIERS, RAILINGS AND ELECTRIC CABLES AT THE ST. GEORGE FERRY TERMINAL, BOROUGH OF RICHMOND.

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 $75,000.

The bidder shall state, both in writing and in figures, an aggregate or total price for furnishing all of the labor and material and doing all of the work called for. The contract is entire and for a complete job, and, if awarded, will be awarded to the bidder whose price is the lowest for doing all of the work called for and whose bid is regular in all respects. In case of discrepancy between the written price and the one given in figures, the price in writing will be considered as the bid.

Work must 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.

CALVIN TOMKINS, Commissioner of Docks.

Dated November 23, 1911. n24,d7

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

BOARD OF CITY RECORD.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received at the office of the Supervisor of the City Record, 21 Park Row, in The City of New York, until 11 o'clock a. m., on

TUESDAY, DECEMBER 12, 1911.

FOR THE TRANSPORTATION AND DELIVERY OF SUPPLIES OF PRINTED FORMS, BLANK BOOKS, STATIONERY AND GLASSWARE, FROM THE DISTRIBUTING OFFICE OF THE CITY RECORD TO THE COURTS, COUNTY OFFICES, DEPARTMENTS AND BUREAUS OF THE GOVERN-

MENT OF THE CITY OF NEW YORK, IN THE BOROUGHS OF MANHATTAN, THE BRONX, BROOKLYN AND QUEENS, FROM JANUARY 1, 1912, TO DECEMBER 31, 1912.

The amount of security shall be twenty-five per cent. of the amount of the bid.

Bids will be accepted only from individuals or firms known to be engaged in and well equipped for the business of forwarding.

The bidder must state the price per month. The bids will be tested by the price per month and the award made to the bidder whose bid is the lowest for acceptable service.

Delivery will be required to be made from the office of the Distributing Division of the City Record with such force and in such manner and order, and at such times and seasons as may be required and directed by the Supervisor of the City Record.

For particulars as to the quantity, nature and extent of the work, reference must be made to the specifications, to be had at the office of the Supervisor and on file in the office of the Comptroller.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Board of City Record, 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 Supervisor of the City Record, where further information can be obtained.

WILLIAM J. GAYNOR, Mayor; ARCHIBALD R. WATSON, Corporation Counsel; WILLIAM A. PRENDERGAST, Comptroller; Board of City Record.

New York, November 27, 1911. n28,d12

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

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received at the office of the Supervisor of the City Record, 21 Park row, in The City of New York, until 11 o'clock a. m.,

WEDNESDAY, DECEMBER 6, 1911,

FOR FURNISHING ALL THE MATERIALS AND PLANT AND DOING ALL THE WORK NECESSARY AND PROPER TO PRINT, FURNISH, FOLD, BIND AND DISTRIBUTE THE "CITY RECORD" AND FOR FURNISHING REPRINTS FROM SAID "CITY RECORD" FOR AND DURING THE YEAR 1912.

The amount of security shall be Fifty Thousand Dollars ($50,000).

The bids will be compared and award made to the lowest bidder for the whole work and all materials required for the complete performance of the contract.

Samples are on exhibition at the office of the Comptroller of The City of New York.

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

The Board of City Record reserves the right to reject all bids or estimates if it deem it to be for the interest of the City so to do.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Board, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Supervisor of the City Record, where any further information can be obtained.

WILLIAM J. GAYNOR, Mayor; ARCHIBALD R. WATSON, Corporation Counsel; WILLIAM A. PRENDERGAST, Comptroller. Board of City Record.

The City of New York, November 20, 1911. n21,d6

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

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received at the office of the Supervisor of the City Record, Room 807, Park Row Building, 13 to 21 Park Row, in The City of New York, until 11 o'clock a. m. on

WEDNESDAY, DECEMBER 13, 1911.

FOR SUPPLYING PRINTED, LITHOGRAPHED OR STAMPED FORMS, PAMPHLETS, PRINTED BLANKS AND STATIONERY, INCLUDING LETTER AND WRITING PAPER AND ENVELOPES, WITH PRINTED HEADINGS OR INDORSEMENTS, ETC., FOR THE USE OF THE COURTS AND THE DEPARTMENTS AND BUREAUS OF THE GOVERNMENT OF THE CITY OF NEW YORK DURING THE YEAR 1912.

The delivery shall be fully and entirely performed within 180 calendar days after the execution of the contract. The amount of security shall be twenty-five per cent. of the amount of the bid.

The bidder must state the price for each item and the total price of each schedule. The bids will be tested and the award will be made to the bidder whose bid is the lowest for each schedule.

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

Delivery will be required to be made at the Distributing Division of the City Record, 96 and 98 Reade st., from time to time and in such quantities as may be directed by the Supervisor of the City Record.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Board of City Record, 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 City Record, where further information can be obtained.

WILLIAM J. GAYNOR, Mayor; ARCHIBALD R. WATSON, Corporation Counsel; WILLIAM A. PRENDERGAST, Comptroller; Board of City Record.

New York, November 14, 1911. n14,d13

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

PUBLIC SERVICE COMMISSION.

PUBLIC SERVICE COMMISSION, 154 NASSAU STREET, NEW YORK CITY.

INVITATION TO CONTRACTORS.

PART OF LEXINGTON AVENUE ROUTE.

THE CITY OF NEW YORK, ACTING BY the Public Service Commission for the First District (hereinafter called "the Commission") invites proposals to construct Section 9 of the Lexington Avenue Rapid Transit Railroad.

The points within the City between which the said part is to run and the route or routes to be followed are briefly as follows:

Section No. 9—Begins at a point about 50 feet north of the centre line of East 67th street and extends thence under Lexington avenue to a point about 70 feet south of the centre line of East 79th street; with a station at East 68th and East 69th streets and a station at East 77th street.

The general plan of construction calls for a subsurface railroad having four tracks. Turnouts, cross-overs, connections and sidings, etc., will be constructed, all of which are more particularly indicated on the contract drawings.

Bidders will not be required to do the station-finish work, nor to provide or lay tracks, ties or ballast.

The work of construction under the contract will include the construction of all necessary sewers and connections, along the route of the railroad; also the necessary support, maintenance, readjustment and reconstruction of vaults adjacent to buildings, pipes, tubes, conduits, subways or other subsurface structures; the support and care, including underpinning where necessary, of all buildings, monuments, surface, subsurface and elevated railroads and other structures, etc., affected by or interfered with during the construction of the work; also the restoration of the sidewalks and the temporary paving and maintenance of roadways.

The method of construction will be partly by trench excavation (under cover, unless otherwise specified in the form of contract or permitted by the Commission), and partly by tunnel, as set forth in the form of contract.

Bidders must examine the form of contract and the specifications, maps and plans; must visit the location of the work and inform themselves of the present conditions along the line thereof and make their own estimates of the facilities and difficulties attending the execution of the proposed work.

A fuller description of the work to be done is set forth, and other requirements, provisions, details and specifications are stated in the printed form of contract and in the contract drawings therein referred to. Printed copies of the form of contract, bond and contractor's proposal may be had on application at the office of the Commission, 154 Nassau street, Borough of Manhattan, City of New York. The contract drawings may be inspected at the same office, and copies thereof may be purchased by prospective bidders by payment of five dollars ($5). The printed form of contract and the contract drawings are to be deemed a part of this invitation.

The Commission is informed by the Department of Docks and Ferries that docks and bulkheads along the East River may be available for dumping purposes. Information in regard thereto may be obtained by any intending bidder upon inquiry at the office of the Commission.

Partial payments to the Contractor will be made monthly as the work proceeds as provided in the form of contract.

The Contractor will be required to complete the work as soon as practicable and within a period of forty (40) months.

SEALED BIDS OR PROPOSALS WILL BE RECEIVED AT THE OFFICE OF THE COMMISSION AT 154 NASSAU STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK, UNTIL THE 5TH DAY OF DECEMBER, 1911, AT TWELVE (12) O'CLOCK NOON, AT WHICH TIME, OR AT A LATER DATE TO BE FIXED BY THE COMMISSION, THE PROPOSALS WILL BE PUBLICLY OPENED.

Proposals must be in the form prescribed by the Commission, copies of which may be obtained at the office of the Commissoin.

A statement, based upon the estimate of the Engineer, of the quantities of the various classes of the work and of the nature and extent as near as practicable of the work required is to be found in the schedules forming a part of the form of Contractor's Proposal. The quantities given in such schedules are approximate only, being given as a basis for the uniform comparison of bids and no claim is to be made against the City on account of any excess or deficiency, absolute or relative, in the same, except as provided in the specifications and form of contract.

All proposals must, when submitted, be enclosed in a sealed envelope endorsed *"Proposal for Constructing Part of Rapid Transit Railroad—Route No. 5, Section No. 9,"* and must be delivered to the Commission or its Secretary; and in the presence of the person submitting the proposal, it will be deposited in a sealed box in which all proposals will be deposited. No proposal will be received or deposited unless accompanied by a separate certified check drawn upon a national or state bank or trust company having its principal office in The City of New York, satisfactory to the Commission and payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars ($15,000). Such check must not be enclosed in the envelope containing the proposal.

The Unit Prices must not be improperly balanced, and any bid which the Commission considers detrimental to the City's interest may be rejected.

No proposal, after it shall have been deposited with the Commission, will be allowed to be withdrawn for any reason whatever.

The award of the contract will be made by the Commission as soon as practicable after the opening of the proposals.

Bidders whose proposals are otherwise satisfactory, in case the sureties named by them are not approved by the Commission, may substitute in their proposals the names of other sureties approved by the Commission, but such substitution must be made within five days after notice of disapproval, unless such period is extended by the Commission.

A bidder whose proposal shall be accepted shall, in person or by duly authorized representatives, attend at the said office of the Commission within ten days after the delivery of a notice by the Commission that his proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and such bidder shall then deliver a contract in the form referred to, duly executed and with its execution duly proved.

At the time of the delivery of the contract, the Contractor will be required to furnish security to the City by giving a bond for fifty thousand dollars ($50,000). At the option of the successful bidder cash or approved securities may be deposited instead of giving a bond. If securities are deposited in place of a bond under this contract, they must be of the character of securities in which Savings Banks may invest their funds and must be approved by the Commission.

The Contractor's bond must be in the form annexed to the form of contract.

In addition and as further security, fifteen (15%) per centum of the amounts certified from time to time to be due to the Contractor will be deducted until the amounts so deducted and retained shall equal the sum of two hundred and twenty-five thousand dollars ($225,000). Thereafter there shall be so deducted and retained for such purpose ten (10%) per centum of the amounts certified from time to time to be due to the Contractor.

In case of failure or neglect to execute and deliver the contract or execute and deliver the required bond or to make the required deposit, such bidder will, at the option of the Commission, be deemed either to have made the contract or to have abandoned the contract. In the latter case, the Commission will give notice thereof to such defaulting bidder, and the Commission may thereupon proceed to hake another contract with such, if any, of the original bidders, as, in the opinion of the Commission, it will be to the best interest of the City to contract with, or may by new advertisement invite further proposals. The defaulting bidder shall thereupon be liable to the City for all loss and damage by it sustained, including the excess, if any, of the amount it shall pay any other Contractor over the amount of the bid of such defaulting bidder.

If the Commission shall give notice to any bidder that his or its proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and if the bidder shall fail within ten days thereafter or within such further period, if any, as may be prescribed by the Commission, to execute and deliver the contract and to execute and deliver the bond with sureties, or to make the required deposit, then the Invitation to Contractors and proposal accepted as aforesaid shall be a contract binding the bidder to pay to the City the damage by it sustained by reason of such failure, and in such case the bidder shall, by the terms of the proposal, absolutely assign to the City the ownership of the check accompanying his or its proposal as a payment on account of such damages.

All such deposits made by bidders whose proposals shall not be accepted by the Commission will be returned to the person or persons making the same within five days after the contract shall be executed and delivered. The deposit of the successful bidder will be returned when the contract is executed and its provisions in respect of the bond or deposit are complied with.

The right to reject any and all bids is reserved.

New York, November 10, 1911.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, by WILLIAM R. WILLCOX, Chairman.

TRAVIS H. WHITNEY, Secretary. n14,d5

DEPARTMENT OF EDUCATION.

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., 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 3 p. m., on

WEDNESDAY, DECEMBER 13, 1911,

FOR PACKING, CARRYING, LOADING, CARTING, DELIVERING, TRANSFERRING, RETRANSFERRING, RETURNING, ETC., SCHOOL SUPPLIES TO THE SCHOOLS, PLAYGROUNDS, RECREATION CENTRES, DEPOSITORIES, ETC., OF THE CITY OF NEW YORK, IN THE BOROUGHS OF MANHATTAN, THE BRONX, BROOKLYN, QUEENS AND RICHMOND, FOR THE YEAR ENDING DECEMBER 31, 1912.

The value of the supplies to be delivered will be about $1,500,000.

Supplies are to be delivered in baskets and packages to all schools in The City of New York, located in the Boroughs of Manhattan, The Bronx, Brooklyn, Queens and Richmond, at the time and in the manner and in such quantities as may be required.

All supplies must be delivered to the floors and rooms of the various school buildings, must be unpacked and assorted, so that Principals or representatives may check same intelligently, and itemized receipt presented the day of delivery, if possible, but not later than 9 a. m. the day following.

Contractor will be required, when supplies are to be transferred from one school to another, to pack supplies in said school, transfer same and unpack them at the school or schools where they are delivered.

The time for the completion and performance of the contract is from January 1, 1912, to December 31, 1912, inclusive. The amount of security required is: For entire contract, Fifteen Thousand Dollars ($15,000); for extra trucks or auto-trucks, Five Hundred Dollars ($500) for each item.

The bidder will write out the amount of his bid, in addition to inserting the same in figures.

Award of contract will be made to the lowest bidder on each item who proves to the satisfaction of the Committee on Supplies that he can do the work.

Blank forms and further information may be obtained in the office of the Superintendent of School Supplies, Board of Education, corner of Park ave. and 59th st., Borough of Manhattan.

PATRICK JONES, Superintendent of School Supplies.

Dated December 2, 1911. d2,13

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

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND 59TH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings, at the above office of the Department of Education, until 3,30 o'clock p. m., on

MONDAY, DECEMBER 11, 1911.

Borough of Brooklyn,

FOR FURNITURE FOR ADDITIONS TO AND ALTERATIONS IN BOYS' HIGH SCHOOL, ON MARCY AVENUE, BETWEEN MADISON STREET AND PUTNAM AVENUE, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be 60 working days, as provided in the contract.

The amount of security required is as follows: Item 1, $500; Item 2, $100; Item 3, $600; Item 4, $2,500.

A separate proposal must be submitted for each item and award will be made thereon.

Bidders must state the price of each item by which the bids will be tested.

Bids will be compared and the contract will be awarded in a lump sum to the lowest bidder on each item.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park avenue and 59th street, Borough of Manhattan, and also at branch office, 131 Livingston street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated November 28, 1911. n28,d11

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

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., 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 3 p. m., on

THURSDAY, DECEMBER 7, 1911,

FOR FURNISHING AND DELIVERING TO THE DEPARTMENT OF EDUCATION 1,200 GROSS TONS OF SEMI-BITUMINOUS COAL, MORE OR LESS, FOR USE IN THE PARENTAL SCHOOL IN THE BOROUGH OF QUEENS, CITY OF NEW YORK.

The time for the delivery of the coal and supplies and the performance of the contract is by or before April 30, 1912.

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 ton, by which the bids will be tested.

Contract will be awarded to the lowest bidder.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, the Borough of Manhattan, corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.

Dated November 24, 1911. n24,d7

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

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, 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, DECEMBER 13, 1911,

Boroughs of Manhattan and The Bronx.

No. 1. FOR FURNISHING, DELIVERING, STORING AND TRIMMING COAL.

The time allowed for the delivery of the coal and the performance of the contract is sixty (60) calendar days.

The amount of security required is Eight Hundred (800) Dollars.

All Boroughs.

No. 2. FOR FURNISHING AND DELIVERING MISCELLANEOUS SUPPLIES AS FOLLOWS: CHEMICALS, CLEANSING COMPOUNDS, CORDAGE, OAKUM AND ROPE, LEATHER AND SADDLERY, MATERIALS OF CONSTRUCTION, METALS AND ALLOYS, MISCELLANEOUS OIL, GREASES, ETC.; PACKING, PIPES, VALVES AND PIPE FITTINGS, RUBBER GOODS, TEXTILES, FABRICS AND NATURAL FIBRES, TOOLS AND IMPLEMENTS, ETC.

The time allowed for the delivery of the supplies and the performance of the contract is ninety (90) calendar days.

The amount of security required is twenty-five (25) per cent. of the amount of the bid.

The bidder will state the price, per unit, of each item of work or supplies contained in the specifications or schedule, by which the bids will be tested.

The bids will be compared and award made to the lowest formal bidder in a lump or aggregate sum for all sections on No. 1, and to the lowest formal bidder on each item on No. 2.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner.

November 28, 1911. d1d13

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

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

NOTICE OF SALE AT PUBLIC AUCTION of old materials, etc., Borough of Brooklyn, on

WEDNESDAY, DECEMBER 6, 1911,

Commencing at 10.30 o'clock a. m., at the North Side Ridgewood Pumping Station, Atlantic ave. and Logan st., Brooklyn, N. Y., the Department of Water Supply, Gas and Electricity will sell at public auction to the highest bidder, by William H. Smith, Auctioneer, the old material designated below.

All the material will be sold at the North Side Ridgewood Pumping Station, as above stated, but the same may be seen on any day prior to the sale at the respective places designated, viz.:

Gowanus Pipe Yard, Butler and Nevins Streets—No. 1, scrap iron, approximate weight, 50 tons; No. 2, four (4) old wagons: One-seated canopy top surrey, two-seated canopy top surrey, shed wagon, No. 11, light buggy, No. 18.

East New York Repair Yard, 137 Jamaica Avenue—No. 3, scrap iron, approximate weight, 100 tons; No. 4, scrap brass, approximate weight, 1,500 pounds; No. 5, old rubber, approximate weight, 100 pounds.

Eastern District Repair Yard, 335 Berry Street—No. 6, scrap iron, approximate weight, 12 tons.

Coney Island Repair Yard, Avenue V and East 14th Street—No. 7, scrap iron, approximate weight, 6 tons.

Ridgewood, North Side, Atlantic Avenue and Logan Street—No. 8, eight (8) horizontal tubular boilers with cast iron boiler fronts, grate bars, steam piping, valves, smoke flues, etc. The brick setting becomes the property of the bidder. All brick, old mortar, dirt and debris must be removed down to the ash pit level and be carted away from the City's premises, and the building left shovel clean, approximate weight, 159,600 pounds.

Ridgewood Machine Shop, Atlantic Avenue and Logan Street—No. 9, brass borings, approximate weight, 4,200 pounds; brass solids, approximate weight, 3,000 pounds.

Ridgewood, South Side, Atlantic Avenue and Logan Street—No. 10, old boiler tubes, approximate weight, 24,000 pounds; No. 11, old castings, iron pipe, grate bars, etc., approximate weight, 20,000 pounds; No. 12, one old filter, approximate weight, 6,000 pounds; No. 13, one old heater, approximate weight, 4,000 pounds; No. 14, one old filter, approximate weight, 3,000 pounds.

Wantagh Pumping Station, Wantagh, L. I.—No. 15, old boiler tubes, approximate weight, 8,000 pounds; No. 16, old boiler plate, approximate weight, 200 pounds.

Massapequa Pumping Station, Massapequa, L. I.—No. 17, scrap iron, approximate weight, 500 pounds.

Merrick Pumping Station, Merrick, L. I.—No. 18, wrought iron, approximate weight, 500 pounds; No. 19, cast iron, approximate weight, 2,500 pounds.

New Lots Pumping Station, New Lots, L. I.—No. 20, one old locomotive boiler, approximate weight, 5,000 pounds; No. 21, one old upright boiler, approximate weight, 5,000 pounds; No. 22, pipe scrap and grate bars, approximate weight, 2,000 pounds.

Woodhaven Pumping Station, Woodhaven, L. I.—No. 23, old tubes and scrap pipe, approximate weight, 2,000 pounds.

Jameco Pumping Station, Jameco, L. I.—No. 24, I beams (4), 10 feet by 15 inches, approximate weight, 2,800 pounds; No. 25, old plate, 60 square feet by ½, approximate weight, 1,080 pounds; No. 26, old grates and small scrap, approximate weight, 1,000 pounds.

Springfield Pumping Station, Springfield, L. I.—No. 27, old boiler tubes (70), approximate weight, 4,200 pounds.

Watts Pond Pumping Station, Watts Pond, L.

I.—No. 28, old boiler tubes (50), approximate weight, 2,000 pounds.

Forest Stream Pumping Station, Forest Stream, L. I.—No. 29, old boiler shell and front castings, approximate weight, 4,000 pounds.

Aqueduct Pumping Station, Aqueduct, L. I.—No. 30, old scrap pipe and fittings, approximate weight, 800 pounds.

Shetucket Pumping Station, Shetucket, L. I.—No. 31, old scrap pipe and fittings, approximate weight, 800 pounds.

Oconee Pumping Station, Oconee, L. I.—No. 32, old scrap pipe and fittings, approximate weight, 800 pounds.

St. Albans Pumping Station, St. Albans, L. I.—No. 33, old scrap pipe and fittings, approximate weight, 800 pounds.

Rosedale Pumping Station, Rosedale, L. I.—No. 34, old scrap pipe and fittings, approximate weight, 800 pounds.

Hook Creek Pumping Station, Hook Creek, L. I.—No. 35, old scrap pipe and fittings, approximate weight, 800 pounds.

Clear Stream Pumping Station, Clear Stream, L. I.—No. 36, old scrap pipe and fittings, approximate weight, 800 pounds.

Lynbrook Pumping Station, Lynbrook, L. I.—No. 37, old scrap pipe and fittings, approximate weight, 800 pounds.

Smith's Pond Pumping Station, Smith's Pond, L. I.—No. 38, old scrap pipe and fittings, approximate weight, 800 pounds.

TERMS OF SALE.

The sale of the materials will be based on delivery on the ground, but the purchaser or purchasers shall agree to have the materials weighed, at his or their own expense, at the nearest public scale to the point where the material is stored, and in the presence of a representative of the Department designated by the Commissioner.

Successful bidders shall make cash payment in bankable funds at the time and place of sale.

The materials will be sold to the highest bidder at a price per pound or per ton, at the estimated weights, more or less, as above designated; except on Lot No. 2, which will be sold for a lump sum. No bid will be considered or accepted for less than the entire quantity in each lot or item number.

The purchaser or purchasers shall remove all the material within ten days after the sale; otherwise he or they will forfeit the money paid at the time of sale and the ownership of the material, which will thereafter be resold for the benefit of the City. The purchaser or purchasers shall remove the material under the supervision of an employee of the Department designated by the Commissioner, and will not be allowed to select material at will for removal.

The right to reject all bids is reserved.

HENRY S. THOMPSON, Commissioner.
Dated November 22, 1911. n28,d6

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, 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, DECEMBER 8, 1911,

Borough of Brooklyn.

FOR PAINTING HYDRANTS IN THE BOROUGH OF BROOKLYN.

The time allowed for doing and completing the entire work will be one hundred (100) consecutive working days.

The security required will be Twelve Hundred Dollars ($1,200).

The bidder will state the price, per unit, of each item of work or supplies contained in the specifications or schedule, by which the bids will be tested.

The bids will be compared, and award made to the lowest formal bidder in a lump or aggregate sum.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner.
Dated November 25, 1911. n25,d8

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

BOARD OF ESTIMATE AND APPORTIONMENT.

Public Improvement Matters.

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on November 29, 1911, the following resolutions were adopted:

Whereas, The Commissioner of Water Supply, Gas and Electricity of The City of New York, acting for and in behalf and in the name of The City of New York, in pursuance of the provisions of Chapter 466 of the Laws of 1901, as amended, has selected and determined certain real estate (as the term "real estate" is defined in the said act) in the County of New York, as and for sources of public water supply in and for The City of New York, and deems it necessary to take and acquire the same and all the rights, titles and interests therein, and to extinguish all claims or damages on account of such rights, titles and interests, or growing out of such taking, for the purpose of maintaining, preserving and increasing the supply of pure and wholesome water for The City of New York, and of providing additional water works to supply The City of New York with water; and

Whereas, The said Commissioner has prepared and submitted to the Board of Estimate and Apportionment of The City of New York, under date of November 20, 1911, a map showing a parcel of property having a width of 10 feet, extending from Johnson avenue to Netherland avenue, in the Borough of The Bronx, in which it is proposed to lay a water main; to be taken and acquired as aforesaid, as provided in the said act: therefore, be it

Resolved, That a public notice be given of a hearing to be held by the Board of Estimate and Apportionment of The City of New York in the old Council Chamber, Room 16, City Hall, Borough of Manhattan, City of New York, on the 28th day of December, 1911, at 10.30 o'clock a. m., at which a full opportunity shall be afforded to any and all persons interested to be heard respecting such map and the taking and acquisition of the real estate as shown thereon;

Resolved, That such public notice be published once in each week for three successive weeks in the CITY RECORD, in two papers published in New York County, in which County the real estate to be taken and acquired is situated, and in two daily papers published in The City of New York.

Dated November 29, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth.
d5,12,19,26

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to close a portion of North William street, between Park row and Frankfort street, lay out the lines and grades of a new street connecting North William street with William street and change the lines and grades of William street, between Duane street and Frankfort street, Borough of Manhattan, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on December 14, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on November 16, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by closing a portion of North William street, between Park row and Frankfort street, laying out the lines and grades of a new street connecting North William street with William street and changing the lines and grades of William street, between Duane street and Frankfort street, in the Borough of Manhattan, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated November 14, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of December, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to discontinue Avenue F, from Ocean parkway to 18th avenue, Borough of Brooklyn, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on December 14, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on November 16, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by discontinuing Avenue F, from Ocean parkway to 18th avenue, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated August 11, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of December, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD and the Corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines and grades of Netherland avenue, from Kappock street to West 227th street, and change the grade of West 227th street, from Arlington avenue to Netherland avenue, Borough of The Bronx, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on December 14, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on November 16, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by changing the lines and grades of Netherland avenue, from Kappock street to West 227th street, and changing the grade of West 227th street, from Arlington avenue to Netherland avenue, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated October 27, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of December, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to discontinue Protectory avenue, from McGraw avenue to Purdy street; lay out the lines and grades of St. Raymond avenue, from Olmstead avenue to Hoguet avenue, and lay out the lines and grades of Hoguet avenue, from Unionport road to McGraw avenue, and the grades of Hoguet avenue, between Unionport road and Archer avenue, Borough of The Bronx, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on December 14, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on November 16, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by changing the lines and grades of Netherland avenue, from Kappock street to West 227th street, and changing the grade of West 227th street, from Arlington avenue to Netherland avenue, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated October 27, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of December, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to discontinue Protectory avenue, from McGraw avenue to Purdy street; laying out the lines and grades of St. Raymond avenue, from Olmstead avenue to Hoguet avenue, and laying out the lines and grades of Hoguet avenue, from Unionport road to McGraw avenue, and the grades of Hoguet avenue, between Unionport road and Archer avenue, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated October 30, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of December, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to lay out the lines and grades of the street system within the area designated as Section 46 of the Final Maps, and change the grades of the street system bounded by Lane avenue, Williamsbridge road and Westchester avenue, Borough of The Bronx, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on December 14, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on November 16, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by laying out the lines and grades of the street system within the area designated as Section 46 of the Final Maps, bounded approximately by Castle Hill avenue, West Farms road, Paulding avenue, Van Nest avenue, Newport avenue, Morris Park avenue, Elberon avenue, Wilkinson avenue, Seymour avenue, McDonald street, Eastchester road, Pelham Parkway South and its prolongation, Mayflower avenue, Wilkinson avenue, Ponton avenue, Buhre avenue, St. Raymond avenue, Lang avenue, Roberts avenue, Waters avenue, Ponton avenue, Lane avenue, Westchester avenue, Zerega avenue, St. Raymond avenue and Parker street, and changing the grades of the street system bounded by Lane avenue, Williamsbridge road and Westchester avenue, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated June 14, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of December, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to lay out the lines and grades of the street system within the area designated as Section 40 of the Final Maps, Borough of Queens, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on December 14, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on November 16, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by laying out the lines and grades of the street system within the area designated as Section 40 of the Final Maps, bounded approximately by Jackson avenue, Holland avenue, Flushing River, Tallman avenue, Willbanks place, Wilshire street, Wynant street, Jackson avenue, Prince street, State street, Farrington street, Jackson avenue, Main street, Redwood street, Lawrence street, Sanford avenue, Delong street, Redwood street, Wateredge avenue, Roosevelt avenue and Hewitt avenue, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated August 23, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of December, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to lay out the lines and grades of the street system within the area designated as Section 39 of the Final Maps, Borough of Queens, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on December 14, 1911, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on November 16, 1911, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by laying out the lines and grades of the street system within the area designated as Section 39 of the Final Maps, bounded approximately by Tiemann avenue, Gunther street, Riverside avenue, Edson street, Morris avenue, Coman street, Hewitt avenue, Roosevelt avenue, Prime street, Hewitt avenue, Lurting street, Wateredge avenue, Meadow street, Blossom avenue, Wateredge avenue, Fowler street and its prolongation, Hewitt avenue, Varick street, Morris avenue, Unity street, Riverside avenue, Provoost street, Peartree avenue and Nicholls street, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated August 23, 1911.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of December, 1911, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on November 16, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of laying out new streets and making changes in the grades of existing streets within the territory bounded approximately by Tottenville road, Sunnyside avenue, Bradley avenue, Richmond turnpike, Clove road, Richmond road and Four Corners road as extended to Tottenville road, in the Borough of Richmond, as shown upon a tentative map bearing the signature of the President of the Borough, consisting of five sections, and dated, respectively, June 15, 1911; June 20, 1911; July 15, 1911; September 1, 1911, and September 22, 1911; be it

Resolved, That this Board will give an informal hearing in the matter at a meeting of the Board to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of December, 1911, at 10.30 o'clock in the forenoon;

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on November 16, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding instituted by said Board April 10, 1908, for acquiring title to Ralph avenue, from Eastern parkway to East 98th street; Union street, from East New York avenue to East 98th street; Tapscott street, from East New York avenue to East 98th street; Howard avenue, from East New York avenue to East 98th street, and Grafton street, from Sutter avenue to East 98th street, Borough of Brooklyn, so as to relate to Grafton street, from Sutter avenue to East 98th street; Ralph avenue, from Eastern parkway to East 98th street; Union street, from East New York avenue to East 98th street; Tapscott street, from East New York avenue to Clarkson avenue, and Howard avenue, from East New York avenue to East 98th street.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proposed amended proceeding:

Beginning at a point on the southwesterly line of East 98th street where it is intersected by a line distant 100 feet westerly from and parallel with the westerly line of Ralph avenue, the said distance being measured at right angles to the line of Ralph avenue, and running thence northwardly along the said line parallel with Ralph avenue to the intersection with a line which bisects the angle formed between the centre lines of East 98th street and Ralph avenue, as these streets are laid out south of East New York avenue; thence northwestwardly along the said bisecting line to the intersection with a line midway between Union street and President street; thence westwardly along the said line midway between Union street and President street to the intersection with a line midway between Ralph avenue and Buffalo avenue, as these streets are laid out north of East New York avenue; thence northwardly along the said line midway between Ralph avenue and Buffalo avenue to a point distant 100 feet northerly from the northerly line of Eastern parkway; thence eastwardly along a line parallel with Eastern parkway to the intersection with a line midway between Ralph avenue and Howard avenue, as the said streets are laid out north of Eastern parkway; thence southwardly along the said line midway between Ralph avenue and Howard avenue to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of East New York avenue, the said distance being measured at right angles to the line of East New York avenue; thence northeastwardly along the said line parallel with East New York avenue to the intersection with a line at right angles to East New York avenue, passing through a point on the southerly line of Pitkin avenue midway between Grafton street and Barrett street; thence southeastwardly along the said line at right angles to East New York avenue to the southerly line of Pitkin avenue; thence southwardly along a line midway between Grafton street and Barrett street to the northeasterly line of East 98th street; thence southwestwardly at right angles to East 98th street to a point distant 100 feet southwesterly from the southwesterly line of East 98th street; thence northwestwardly along a line parallel with East 98th street and always distant 100 feet therefrom to the intersection with a line at right angles to East 98th street, passing through the point of beginning; thence northeastwardly along the said line at right angles to East 98th street to the point or place of beginning.

Bounded on the northeast by a line distant 100 feet southwesterly from and parallel with the southwesterly line of East 98th street, the said distance being measured at right angles to East 98th street; on the southeast by a line midway between Clarkson avenue and Lenox road; on the southwest by a line midway between East 96th street and Rockaway parkway, and on the northwest by a line midway between Winthrop street and Clarkson avenue.

Resolved, That this Board consider the proposed area of assessment at a meeting of the

Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of December, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD and the corporation newspapers for ten days prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on November 16, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Belmont avenue, from Pennsylvania avenue to Wyona street, and from Elderts lane to the old City line, in the Borough of Brooklyn, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

1. Bounded on the north by a line midway between Pitkin avenue and Belmont avenue; on the east by a line midway between Wyona street and Bradford street; on the south by a line midway between Belmont avenue and Sutter avenue, and on the west by a line midway between Sheffield avenue and Pennsylvania avenue.

2. Bounded on the north by a line midway between Pitkin avenue and Belmont avenue, as these streets are laid out east of Drew avenue and by the prolongations of the said line; on the east by a line distant 100 feet easterly from and parallel with the former City line; on the south by a line midway between Belmont avenue and Sutter avenue, as these streets are laid out between Grant avenue and Elderts lane, and by the prolongation of the said line, and on the west by a line midway between Grant avenue and Elderts lane.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of December, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD and the corporation newspapers for ten days prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT AT A meeting of the Board of Estimate and Apportionment held on November 16, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of West 172d street, from Aqueduct avenue to Plimpton avenue, and from Shakespeare avenue to Jesup avenue, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at a point on the easterly line of Roscobel avenue, distant 200 feet southerly from the southerly line of West 172d street, and running thence northwardly along the easterly line of Boscobel avenue and of Aqueduct avenue to the intersection with a line distant 200 feet northerly from and parallel with the northerly line of West 172d street, as this street is laid out where it adjoins Plimpton avenue on the west, the said distance being measured at right angles to West 172d street; thence eastwardly along the said line parallel with West 172d street, to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Plimpton avenue, the said distance being measured at right angles to Plimpton avenue; thence northwardly along the said line, parallel with Plimpton avenue, to the intersection with the prolongation of a line distant 400 feet northerly from and parallel with the northerly line of West 172d street, as this street is laid out where it adjoins Nelson avenue, the said distance being measured at right angles to West 172d street; thence eastwardly along the said line, parallel with West 172d street, and along the prolongation of the said line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Featherbed lane and the northerly line of West 172d street, as these streets are laid out between Shakespeare avenue and Jesup avenue; thence eastwardly along the said bisecting line to a point distant 100 feet easterly from the easterly line of Jesup avenue, the said distance being measured at right angles to Jesup avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Jesup avenue, to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of West 172d street and the northeasterly line of Boscobel avenue, as these streets are laid out between Plimpton avenue and Nelson avenue; thence northwestwardly along the said bisecting line to the intersection with a line at right angles to Boscobel avenue, and passing through the point of beginning; thence westwardly along the said line at right angles to Boscobel avenue to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of December, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT AT A meeting of the Board of Estimate and Apportionment held on November 16, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Baker avenue, from Garfield street to Matthews avenue, at a point about 149 feet east of the easterly line of Barnes avenue, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at a point on the prolongation of a line midway between Mead street and Baker avenue, distant 100 feet westerly from the westerly line of Garfield street, and running thence eastwardly along the said line midway between Mead street and Baker avenue, and along the prolongation of the said line to the intersection with the westerly line of Unionport road; thence northeastwardly in a straight line to a point on the easterly line of White Plains road, where it is intersected by a line bisecting the angle formed by the intersection of the prolongations of the northerly line of Baker avenue and the southerly line of Van Nest avenue, as these streets are laid out between Cruger avenue and Holland avenue; thence eastwardly along the said bisecting line to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Baker avenue, as this street is laid out where it adjoins Barnes avenue, the said distance being measured at right angles to Baker avenue; thence eastwardly along the said line parallel with Baker avenue, and along the prolongation of the said line to the intersection with the westerly line of Matthews avenue; thence eastwardly at right angles to Matthews avenue a distance of 160 feet; thence generally southwardly and always distant 100 feet easterly from and parallel with the easterly line of Matthews avenue and the prolongations thereof, to the intersection with the prolongation of a line distant 100 feet southerly from and parallel with the southerly line of Baker avenue, as this street is laid out at Barnes avenue, the said distance being measured at right angles to Baker avenue; thence generally westwardly and always distant 100 feet southerly from and parallel with the southerly line of Baker avenue and the prolongations thereof to the intersection with a line parallel with Garfield street, as this street is laid out at Van Nest avenue, and passing through the point of beginning; thence northwardly along the said line parallel with Garfield street to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of December, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406. Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on November 16, 1911, the Board adjourned until December 14, 1911, the hearing in the matter of acquiring title to Maurice avenue, from Toledo street to Junction avenue, and to Horton street, from Broadway to Junction avenue, Borough of Queens.

The hearing will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on Thursday, December 14, 1911, at 10.30 a. m.

The following is the proposed area of assessment in the proceeding:

Beginning at a point on the prolongation of a line midway between Gerry avenue and Maurice avenue, distant 100 feet easterly from the easterly line of Junction avenue, the said distance being measured at right angles to Junction avenue, and running thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Junction avenue to the intersection with the prolongation of a line midway between Horton street and Ivy street; thence westwardly along a line always midway between Horton street and Ivy street, and along the prolongation of the said line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Justice street and Chicago street as these streets are laid out between Horton street and Ivy street; thence southeastwardly along the said bisecting line to the intersection with a line distant 100 feet southeasterly from and parallel with the southeasterly line of Ivy street as this street is laid out immediately adjoining Justice street, the said distance being measured at rigth angles to Ivy street; thence southwestwardly along the said line parallel with Ivy street, and along the prolongation of the said line, to a point distant 100 feet southwesterly from the southwesterly line of Justice street, the said distance being measured at right angles to Justice street; thence northwestwardly and always distant 100 feet southwesterly from and parallel with the southwesterly line of Justice street to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Horton street as this street is laid out immediately adjoining Broadway, the said distance being measured at right angles to Horton street; thence westwardly along the said line parallel with Horton street, and along the prolongation of the said line to a point distant 100 feet westerly from the westerly line of Broadway, the said distance being measured at right angles to Broadway; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Broadway to the intersection with a line at right angles to Broadway and passing through a point on its westerly side where it is intersected by a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Maurice avenue and Horton street as these streets are laid out westerly from the first angle point west of Chicago street; thence eastwardly along the said line at right angles to Broadway to the intersection with its westerly side; thence northeastwardly along the said bisecting line to the intersection with the prolongation of a line midway between Maurice avenue and Horton street as these streets are laid out at Chicago street; thence eastwardly along the said line midway between Maurice avenue and Horton street, and along the prolongation of the said line, to a point distant 100 feet westerly from the westerly line of Toledo street; thence northwardly and parallel with Toledo street to the intersection with a line midway between Gerry avenue and Maurice avenue; thence eastwardly along the said line midway between Gerry avenue and Maurice avenue to the point or place of beginning.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on November 16, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of enlarging the area of assessment in the proceeding instituted by said Board November 8, 1907, for acquiring title to 4th avenue, from Monroe avenue to Tompkins avenue, Borough of Richmond.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, as amended, hereby gives notice that the following is the proposed enlarged area of assessment for benefit in this proceeding:

Beginning at a point on the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of 4th avenue, the said distance being measured at right angles to 4th avenue, where it is intersected by a line always distant 100 feet westerly from and parallel with the westerly line of Jersey avenue, the said distance being measured at right angles to Jersey avenue, and running thence eastwardly along the said line parallel with 4th avenue and along the prolongation of the said line to a point distant 100 feet westerly from the westerly line of Westervelt avenue as laid out adjoining 4th avenue, the said distance being measured at right angles to the line of Westervelt avenue; thence northwardly along a line at right angles to 4th avenue to the intersection with the prolongation of a line always distant 280 feet northerly from and parallel with the northerly line of 4th avenue as this street is laid out easterly from Westervelt avenue, the said distance being measured at right angles to the line of 4th avenue; thence eastwardly along the said line parallel with 4th avenue and along the prolongation of the said line to a point distant 100 feet easterly from the easterly line of Tompkins avenue, the said distance being measured at right angles to Tompkins avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Tompkins avenue to the intersection with the prolongation of a line always distant 325 feet southerly from and parallel with the southerly line of 4th avenue as this street is laid out easterly from Westervelt avenue, the said distance being measured at right angles to the line of 4th avenue; thence westwardly along the said line parallel with 4th avenue to a point distant 100 feet westerly from the westerly line of Westervelt avenue, the said distance being measured at right angles to Westervelt avenue; thence northwardly along a line always distant 100 feet westerly from and parallel with Westervelt avenue to a point distant 100 feet southerly from the southerly line of 4th avenue, the said distance being measured at right angles to 4th avenue; thence westwardly along a line always distant 100 feet southerly from and parallel with the southerly line of 4th avenue and the prolongation thereof to the intersection with a line parallel with Jersey avenue and passing through the point of beginning; thence northwardly along the said line parallel with Jersey avenue to the point or place of beginning.

(The lines of the streets herein referred to and which have not been laid out upon the City map are intended to be those in use and as commonly recognized.)

Resolved, That this Board consider the proposed enlarged area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of December, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. d1,12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on November 23, 1911, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Sybilla street, from Metropolitan avenue to Viola place; Theresa place, from Metropolitan avenue to Sybilla street; Ursula place, from Metropolitan avenue to Union turnpike; and Viola place, from Metropolitan avenue to Ursula place, in the Borough of Queens, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at a point on the southerly line of Union turnpike where it is intersected by the prolongation of a line distant 100 feet southwesterly from and parallel with the southwesterly line of Ursula place as this street is laid out where it adjoins Union turnpike, the said distance being measured at right angles to Ursula place and running thence nothwestwardly and northwardly along a line always distant 100 feet southwesterly and westerly from and parallel with the southwesterly and westerly lines of Ursula place, and the prolongations thereof to a point distant 100 feet southerly from the southerly line of Sybilla street; thence westwardly and northwardly and always distant 100 feet southerly and westerly from and parallel with the southerly and westerly line of Sybilla street and the prolongations thereof to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Metropolitan avenue, the said distance being measured at right angles to Metropolitan avenue; thence eastwardly along the said line parallel with Metropolitan avenue to the intersection with the prolongation of a line midway between Wanda place and Viola place; thence southwardly along the said line midway between Wanda place and Viola place, and along the prolongation of the said line to the intersection with a line at right angles to Wanda place and passing through a point on its westerly side midway between Sybilla street and Ursula place; thence eastwardly along the said line at right angles to Wanda place to a point distant 100 feet easterly from its easterly side; thence southwardly and parallel with Wanda place to the intersection with the northerly line of Union turnpike; thence southwardly at right angles to Union turnpike a distance of 225 feet; thence westwardly and parallel with Union turnpike to the intersection with a line at right angles to Union turnpike and passing through the point of beginning; thence northwardly along the said line at right angles to Union turnpike to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of December, 1911, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 14th day of December, 1911.

Dated December 1, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. d1,12

Franchise Matters.

PUBLIC NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held this day the following resolutions were adopted:

Whereas, The Riverside Light & Power Company has under date of May 16, 1911, made application to this Board for the grant of the right, privilege and franchise to construct, maintain and operate conduits with the necessary branches and extensions therefrom for the purpose of supplying electricity for light and power within a district bounded by West 129th street, 12th avenue, West 134th street and the easterly line of the marginal street, wharf or place as adopted by the Commissioner of Docks February 27, 1907, and approved by the Commissioners of the Sinking Fund April 3, 1907, in the Borough of Manhattan, City of New York; and

Whereas, Sections 72, 73 and 74 of the Greater New York Charter as amended by chapters 629 and 630 of the Laws of 1905, provide for the manner and procedure of making such grants; and

Whereas, In pursuance of such laws this Board adopted a resolution on June 8, 1911, fixing the date for the public hearing thereon as July 6, 1911, at which citizens were entitled to appear and be heard, and publication was had for at least two (2) days in the New York "Herald" and the New York "Press," newspapers designated by the Mayor, and in the CITY RECORD for ten (10) days immediately prior to the date of hearing, and the public hearing was duly held on such day; and

Whereas, This Board has made inquiry as to the money value of the franchise or right applied for and proposed to be granted to the Riverside Light & Power Company and the adequacy of the compensation proposed to be paid therefor; now, therefore, it is

Resolved, That the following form of resolution for the grant of the franchise or right applied for by the Riverside Light & Power Company, containing the form of proposed contract for the grant of such franchise or right, be hereby introduced and entered in the minutes of this Board, as follows, to wit:

Resolved, That the Board of Estimate and Apportionment hereby grants to the Riverside Light & Power Company the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all the terms and conditions including the provisions as to rates and charges, upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of The City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

Proposed Form of Contract.

This contract, made this day of 191 by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the Riverside Light & Power Company, a corporation formed under and pursuant to the laws of the State of New York (hereinafter called the Company), party of the second part, witnesseth:

In consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1. The City hereby grants to the Company, subject to the conditions and provisions hereinafter contained, the right and privilege to lay, construct, maintain and operate suitable wires or other electrical conductors in conduits, for the purpose of supplying electrical current for light, heat and power, said conductors to be laid, constructed, maintained and operated only within that portion of the Borough of Manhattan bounded and described as follows:

Beginning at the intersection of the centre line of West 129th street with the easterly line of the marginal street, wharf or place, as adopted by the Commissioner of Docks February 27, 1907, approved by the Commissioners of the Sinking Fund April 3, 1907, and laid down on the maps of the Department of Docks and Ferries; thence northeasterly along the easterly line of the said marginal street, wharf or place to its intersection with the centre line of West 134th street; thence easterly along the centre line of West 134th street to its intersection with the centre line of 12th avenue; thence southerly along the centre line of 12th avenue to its intersection with the northerly line of West 131st street; thence easterly along the northerly line of West 131st street to a point 125 feet east of the easterly line of 12th avenue; thence southerly from the said point on the northerly line of West 131st street, 125 feet east of the easterly side of 12th avenue to the centre line of West 131st street, the same distance from 12th avenue; thence westerly from the said point in the centre of West 131st street, 125 feet east of the easterly line of 12th avenue to the centre line of 12th avenue; thence southerly along the centre line of 12th avenue to its intersection with the centre line of West 129th street; thence westerly along the centre line of West 129th street to the easterly line of the marginal street, wharf or place, at the point or place of beginning. Said boundaries and district being more particularly shown by a red line on the map or plan attached to this contract, dated May 16, 1911, and signed by Joseph Conron, President of the Company, and made a part hereof.

It is, however, understoon and agreed that the Company shall have no right to carry on the business of furnishing electricity for light, heat or power in the blocks abutting on West 131st street east of 12th avenue, but that any wires or conductors laid by it in said street shall only be for the purpose of connecting the plant which it proposes to construct in the block on the north side of said street with the territory above described west of the centre line of 12th avenue, for the puropose of supplying consumers therein.

Section 2. The grant of this privilege is subject to the following conditions, which shall be complied with by the Company.

First—The said right to lay, construct, maintain and operate said conductors and appurtenances shall be held and enjoyed by the Company from the date on which this contract is signed by the Mayor to and until March 7, 1926, with the privilege of renewal of said contract for the further period of ten (10) years, upon a fair revaluation of such right and privilege.

If the Company shall determine to exercise its privilege of renewal, it shall make application to the Board, or any authority which shall be authorized by law to act for the City in place of the Board. Such application shall be made at any time, not earlier than two years and not later than one year before the expiration of the original term of this contract. The determination of the revaluation shall be sufficient if agreed to in writing by the Company and the Board, but the annual sum to be paid by the Company to the City under such renewal shall not be less than the sum required to be paid during the last year of the original term of this contract.

If the Company and the Board shall not reach such agreement on or before the day one year before the expiration of the original term of this contract, then the annual rate of compensation for such succeeding ten (10) years shall be reasonable, and either the City (by the Board) or the Company shall be bound, upon request of the other, to enter into a written agreement with such other fixing the rate of such compensation at such amount as shall be reasonable, but no annual sum thus fixed shall in any event be less than the sum required to be paid by the Company to the City during the last year of the original term of this contract, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate at such amount as shall be determined by three disinterested freeholders, selected in the following manner:

One disinterested freeholder shall be chosen by the Board; one disinterested freeholder shall be chosen by the Company; these two shall choose a third disinterested freeholder, and the three so chosen shall act as appraisers and shall make the revalutions aforesaid. Such appraisers shall be chosen at least six months prior to the expiration of the original term of this contract, and their report shall be filed with the Board within three months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience, and upon such information as they may obtain by inquiries and investigations without the presence of either party. They shall have the right to examine the books of the Company and its officers under oath. The valuations so ascertained, fixed and determined shall be conclusive upon both parties, but no annual sum to be paid thereunder shall in any event be less than the sum required to be paid for the last year of the original term of this contract. If in any case, the annual rate shall not be fixed prior to the termination of the original term of this contract, then the Company shall pay the annual rate theretofore prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and expenses of the said appraisers shall be borne jointly by the City and the Company, each paying one-half thereof.

Second—The Company shall pay to the City for the privilege hereby granted the following sums of money.

1. The sum of five hundred dollars ($500) for the privilege hereby granted within thirty (30) days after the signing of this contract by the Mayor.

2. During the period between the date on which this contract is signed by the Mayor and March 7, 1916, an annual sum which shall in no case be less than one hundred dollars ($100) and which shall be equal to two (2) per cent. of the gross receipts of the Company, if such percentage shall exceed the sum of one hundred dollars ($100).

3. During the succeeding five years of this original contract an annual sum which shall in no case be less than one hundred and seventy-five dollars ($175) and which shall be equal to three (3) per cent. of the gross receipts of the Company, if such percentage shall exceed the sum of one hundred and seventy-five dollars ($175).

4. During the last five years of this original contract, an annual sum which shall in no case be less than two hundred and fifty dollars ($250) and which shall be equal to five (5) per cent. of the gross receipts of the Company if such percentage shall exceed the sum of two hundred and fifty dollars ($250).

All annual sums as above shall be paid into the treasury of the City on February 1 of each year, and shall be for the amount due to December 31 next preceding. Whenever the percentage required to be paid shall exceed the minimum amount as above, then such sum over and above such minimum shall be paid on or before February 1 in each year for the year ending December 31 next preceding.

Any and all payments to be made by the terms of this contract to the City by the Company shall not be considered in any manner in the nature of a tax, but such payments shall be in addition to any and all taxes of whatsoever kind or description now or hereafter required to be paid by any ordinance of the City or resolution of the Board, or any law of the State of New York.

Third—The annual charges or payments shall continue throughout the whole term of this contract (whether original or renewal) notwithstanding any clause in any statute or in the charter of any other company providing for payments for similar rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted (whether original or renewal), or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all conditions of this contract, and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assignee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof or otherwise exemption from liability to perform each and all of the conditions of this contract.

Fourth—Nothing in this contract shall be deemed to affect in any way the right of the City to grant to any individual, firm or other corporation a similar right or privilege upon the same or other terms and conditions, in the same streets and avenues, or within the district hereinbefore described.

Fifth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall the title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company or by the operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in anywise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Sixth—Upon the termination of this original contract, or if the same be renewed, then at the termination of the said renewal term, or upon the termination of the rights hereby granted for any cause, or upon the dissolution of the Company before such termination, the conductors and appurtenances, including conduits, if any, of the Company, constructed or maintained pursuant to this contract within the streets and avenues shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual.

If, however, at the termination of this contract, as above, the Board shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board remove any and all of its conductors and appurtenances, including conduits, if any, constructed or maintained pursuant to this contract and the said streets and avenues shall be restored to their original condition at the sole cost and expense of the Company.

Seventh—The Company shall construct and operate its electric system subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City, and shall bear the expense of all inspection by such authorities, and of the inspection of all work of construction.

Within thirty (30) days after the signing of this contract by the Mayor, the Company shall apply to the Commissioner of Water Supply, Gas and Electricity for leave to place its wires or conductors underground, in or across the streets, where they are now laid or where it is proposed to locate them, and shall also demand of the Consolidated Telegraph and Electrical Subway Company space in its conduits or subway crossing Manhattan street, West 131st street and West 132d street at these points, in which to place the existing wires or conductors, or if no such conduits or subways have been built by the Subway Company which will accommodate these wires or conductors, then that the said Subway Company be required to build the same across the said streets where the said wires or conductors are now laid or where it is proposed to locate them.

If there be no conduits or subways of the Subway Company for the accommodation of the existing wires or conductors of the Company crossing the streets at these points, it shall have the right to maintain said wires or conductors as at present maintained and operated until such new conduits or subways are placed at its disposal by the Subway Company for use and occupation, whereupon the Company agrees and binds itself to discontinue the use of its present electric conduits in the public streets and to place its said wires or conductors in such conduits or subways of the Consolidated Telegraph and Electrical Subway Company.

All other or additional wires or conductors of the Company shall be placed in conduits or subways to be leased from the Consolidated Telegraph and Electrical Subway Company, or from the City, should it succeed to the rights of such company, provided, however, that should the said Consolidated Company within six (6) months after notice and demand neglect or refuse to construct such conduits or subways as are necessary and to place the same at the disposal and use of the Company, the Company, with the further consent of the Board, may construct such conduits or subways as are necessary for use by its own wires or conductors. Any such subways or conduits constructed by the Company shall be transferred to the Consolidated Telegraph and Electrical Subway Company, or the City, on payment to the Company of the reasonable cost thereof, and the Company agrees and binds itself to so transfer any such conduits or subways upon payment therefor by the Subway Company or the City.

Eighth—The electric plant, conduits, wires, conductors, connections and all appurtenances thereto, shall be constructed, maintained and operated in the latest approved manner, and with the most modern and improved appliances.

Ninth—The Company shall, upon being directed to do so by the Commissioner of Water Supply, Gas and Electricity, extend its wires and conductors and furnish light, heat or power to any public building or street lamp within the territory herein described.

Tenth—The Company shall file with the Board on the first day of February in each year a map or plan upon which shall be plainly indicated the number of wires which are in use by the Company on December 31 of the preceding year, the streets in which the same are located, and also those which were put in use during the preceding year.

Eleventh—It is a condition of this contract that the Company shall bear the entire expense of all work undertaken by reason of this grant, by the Company.

Twelfth—The rates to be charged shall never be in excess of those authorized by the laws hereafter enumerated, and it is agreed that the same may be altered or changed by the Board as hereinafter provided.

For electricity furnished to the City, the Company shall not charge higher rates than those authorized by chapter 733 of the Laws of 1905, as amended by chapter 390 of the Laws of 1906, and chapter 479 of the Laws of 1910.

For electricity furnished to other consumers, the Company shall not charge higher rates than those authorized by chapter 732 of the Laws of 1905, as amended by chapter 616 of the Laws of 1906.

The Company also agrees that if in the future any new or improved style of street lighting is available for use, it will furnish the same at such reasonable prices as may be fixed by the Board, subject to the provisions of this contract.

Thirteenth—During the term of this contract, or any renewal thereof, the Board shall have the power to regulate and fix the maximum and minimum rates to be charged by the Company throughout the territory in which it is hereby granted the right to operate, provided such rates shall be reasonable and fair.

The maximum rates herein fixed for electricity furnished by the Company shall continue until March 7, 1916, at which time and at the end of each period of five years thereafter during the term of the contract or any renewal thereof, the Board shall have the power to readjust such rates, provided the same shall not exceeed those fixed by law or be unreasonable or unfair to the Company.

Fourteenth—The Company shall upon request from any individual, company or corporation, occupying premises in the territory covered by this contract, not in arrears to it for services already rendered, and who has not agreed with any previous occupier of the premises occupied by such individual, company or corporation, to assume the payment of any moneys due by such previous occupier to the Company, extend its conductors to the premises of such individual, company or corporation and supply current for light, heat or power or any or all of such purposes; provided that it shall not be required to so extend its conductors where the ground in which the same are to be laid shall be frozen, during the period in which the said frozen condition shall continue.

The Company shall not require or receive any deposit or advance payment in excess of what is reasonably necessary to insure payment of current bills, and on such amounts so paid the Company shall pay interest at the statutory rate. Any consumer or person who desires to be connected with the conductors of the Company can apply to the Board to compel the Company in compliance with the provisions of this contract, to connect with and furnish electricity to such consumer or person, and all orders of the Board made on the request of any such consumer or person shall be complied with by the Company.

The provisions of section 62 of the Transportation Corporations Law fixing a penalty for failure of any electric company to extend its service to an applicant, and of this subdivision of the contract requiring the payment of interest on deposits made by consumers, may in the event of the refusal of the Company to comply with any order of the Board, on complaint made in regard thereto, be deducted from the security fund to be deposited with the Comptroller, as hereinafter provided, and the Comptroller is authorized to deduct the amount from the said fund and pay the same to the claimant, on being directed to do so by the Board.

Fifteenth—The Company shall assume all liability to persons or property by reason of the construction or operation of the system authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or defaults of the Company.

Sixteenth—The Company shall submit to the Board a report not later than February 1 of each year, for the year ending December 31 next preceeding, and at any other time, upon request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt as by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate of interest per annum on funded debt.
10. Statement of dividends paid during year.
11. The total amount expended for same.
12. The names of the directors elected at the last meeting of the stockholders of the Company held for that purpose.
13. Cost of underground conductors and appurtenances, including conduits if any to the year preceding and moneys expended on same during year.
14. Present value of said conduits and appurtenances, based on cost and depreciation.
15. Miles of conductors.
16. Amount of electricity in kilowatts furnished to consumers other than City, number and kind of lamps, motors and heaters supplied with same and amount received therefor.
17. Amount of electricity furnished to the City, in kilowatts, number and kind of lamps, motors and heaters supplied with same and amount received therefor.
18. Total receipts from sales of electricity.
19. Operating expenses, interest and other charges.
20. Net earnings and surplus from such sales.
21. Cost of furnishing electricity per kilowatt.
22. Balance sheet for year.
23. Amounts paid by Company for damages to persons or property on account of construction and operation.

—and such other information in regard to the business of the Company as may be required by the Board.

Seventeenth—The Company shall at all times keep accurate books of account and shall, on or before February 1 in each year, make a verified report to the Comptroller of the City of the business done by the Company for the year ending December 31 next preceding. Such report shall contain a statement of the gross receipts from all business done by the Company in the territory in which it is authorized to operate by this contract, together with such other information and in such form and detail as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Eighteenth—In case of any violation or breach or failure to comply with any of the provisions of this contract, the same may be forfeited by a suit brought by the Corporation Counsel on notice of ten days to the Company, or at the option of the Board, by resolution of said Board, which said resolution may contain a provision to the effect that all property constructed and in use by virtue of this grant shall thereupon become the property of the City without proceedings at law or in equity.

If for a period of two consecutive weeks the electric system of the Company shall not be operated, the Board may declare the right and franchise granted by this contract terminated without further proceedings at law or in equity, if it shall appear in the judgment of said Board that the same was not operated through the fault of the Company. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Nineteenth—If the said Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its structures in good condition throughout the full term of its occupancy of such streets, or fail to comply with any provision of this contract, except as hereinafter otherwise provided, the Board, if it so elects, instead of commencing proceedings to terminate this contract may give written notice to the said Company, specifying any default on the part of said Company, and requiring said Company to remedy the same within a reasonable time, and upon the failure of the Company to remedy said default within a reasonable time, said Company shall for each day thereafter during which the default or defect remains, pay to the City the sum of fifty dollars ($50) as fixed and liquidated damages, or the said City, in case such structures which may affect the surface of the streets shall not be put in good condition within a reasonable time and after notice by the Board, as aforesaid, shall have the right to make all needed repairs at the expense of the Company, in which case the said Company shall pay to the City the amount of the cost of such repairs, with legal interest thereon, and in default of such payment, the same shall be a proper charge against and may be deducted from the security fund to be deposited with the Comptroller as hereinafter provided.

Twentieth—This grant is upon the express condition that the Company, within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred thereby, shall deposit with the Comptroller of the City the sum of five hundred dollars ($500), either in money or securities to be approved by him, which fund shall be security for the performance by the Company of the terms and conditions of this contract, especially those which relate to the payment of the annual charge for the franchise granted; and in case of such default in the annual payment, the City shall collect the same, with interest, from the said fund after ten (10) days' notice in writing to the said Company. In case of the failure of the Company to comply with the terms of this contract relating to the filing of annual statements, or its neglect or refusal to comply with any demand or direction of the Board or other municipal officials, made pursuant to the terms of this contract, or under the authority of any laws or ordinances now or hereafter in force, in such case and in any of these events, the Company, except as herein otherwise provided, shall pay to the City a penalty of fifty dollars ($50) for each violation.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Board, on its own motion or on complaint made, shall give notice to the Company, directing its President or other officer to appear before the Board on a certain day not less than ten (10) days after the date of such notice, to show cause why the Company should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing, appears in the judgment of the Board to be in fault, said Board shall forthwith impose the prescribed penalties, and without legal procedure direct the Comptroller to withdraw the amount of such penalty from the security fund deposited with him.

In case of any drafts made upon the security fund, the Company shall, upon ten (10) days' notice in writing, pay to the City a sum sufficient to restore said security fund to the original amount of five hundred dollars ($500), and in default thereof this contract shall be canceled and annulled at the option of the Board, acting in behalf of the City, in the same manner as elsewhere provided herein. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Twenty-first—The words "notice" or "direction," wherever used in this contract, shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated, or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided, shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Twenty-second—If at any time the powers of the Board or any other of the authorities herein mentioned, or intended to be mentioned, shall be transferred by law to any other Board, authority, officer or officers, then, and in such case, such other Board, authority, officer or officers shall have the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or officers.

Twenty-third—The grant of this privilege is subject to whatever right, title or interest the owners of abutting property or others may have in and to the streets, avenues and highways of the territory in which the Company is authorized to operate by this contract.

Twenty-fourth—The words "streets and avenues," or "streets or avenues," when and where used, shall be deemed to mean and include any and all streets, avenues, roads, highways, boulevards, parkways, parks and public places.

Section 3. Nothing in this contract shall be construed as in any way limiting the present or future jurisdiction of the Public Service Commission under the Laws of the State of New York.

Section 4. The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms, conditions and requirements in this contract fixed and contained, in addition to all provisions of law pertinent hereto.

In witness whereof, the party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed, and the party of the second part, by its officers, thereunto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed, the day and year first above written.

THE CITY OF NEW YORK,
By....., Mayor.
(CORPORATE SEAL)
Attest: ..... City Clerk.
RIVERSIDE LIGHT AND POWER COMPANY,
By....., President.
(CORPORATE SEAL)
Attest: .....Secretary.
(Here add acknowledgments.)

Resolved, That the results of the inquiry made by this Board as to the money value of the franchise or right proposed to be granted, and the adequacy of the compensation proposed to be paid therefor, and of the terms and conditions, including the provisions as to rates and charges, are as hereinbefore specified and fully set forth in and by the foregoing form of proposed contract for the grant of such franchise or right.

Resolved, That these preambles and resolutions for the grant of the franchise or right applied for by the Riverside Light & Power Company, and the said form of a proposed contract for the grant of such franchise or right, containing said results of such inquiry, after the same shall be entered in the minutes of this Board, shall be published for at least twenty (20) days immediately prior to Thursday, December 21, 1911, in the CITY RECORD, and at least twice during the ten (10) days immediately prior to Thursday, December 21, 1911, in two daily newspapers to be designated by the Mayor therefor and published in The City of New York, at the expense of the Riverside Light & Power Company, together with the following notice, to wit:

Notice is hereby given that the Board of Estimate and Apportionment, before authorizing any contract for the grant of a franchise or right applied for by the Riverside Light & Power Company, and fully set forth and described in the foregoing form of proposed contract for the grant of such franchise or right, and before adopting any resolution authorizing any such contract, will, at a meeting of said Board, to be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on Thursday, December 21, 1911, at 10.30 o'clock a. m., hold a public hearing thereon at which citizens shall be entitled to appear and be heard.

The New York "Press" and the "Sun" designated. JOSEPH HAAG, Secretary.

Dated New York, November 9, 1911. n27,d21

PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held this day the following resolutions were adopted:

Whereas, The New York Magnaphone and Music Company has under date of June 29, 1911, made application to this Board for the grant of the right, privilege or franchise to lay, construct, maintain and operate electric wires with the necessary branches under and along the streets, avenues and public places of The City of New York for the purpose of distributing music and matters of general interest and amusement electrically by means of a magnaphone; and

Whereas, Sections 72, 73 and 74 of the Greater New York Charter, as amended by Chapters 629 and 630 of the Laws of 1905, provide for the manner and procedure of making such grants; and

Whereas, In pursuance of such laws, this Board adopted a resolution on July 6, 1911, fixing the date for a public hearing thereon as September 21, 1911, at which citizens were entitled to appear and be heard, and publication was had for at least two (2) days in the "Evening Mail" and the "Globe," newspapers designated by the Mayor and in the CITY RECORD for ten (10) days immediately prior to the date of hearing, and the public hearing was duly held on such day; and

Whereas, This Board has made inquiry as to the money value of the franchise or right applied for and proposed to be granted to The New York Magnaphone and Music Company and the adequacy of the amount of compensation to be paid therefor; now, therefore, it is

Resolved, That the following form of resolution for the grant of the franchise or right applied for by The New York Magnaphone and Music Company, containing the form of proposed contract for the grant of such franchise or right, be hereby introduced and entered in the minutes of this Board, as follows, to wit:

Resolved, That the Board of Estimate and Apportionment hereby grants to The New York Magnaphone and Music Company the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all the terms and conditions, including the provisions as to rates and charges upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of The City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

Proposed Form of Contract.

This contract, made this ——— day of ——— 191 by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and The New York Magnaphone and Music Company (hereinafter called the Company), party of the second part, witnesseth:

In consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1. The City hereby grants to the Company, subject to the conditions and provisions hereinafter set forth, the right or privilege to lay, construct, maintain and operate suitable wires or other electrical conductors in the conduits under the streets and avenues within the territory comprised in the Borough of Manhattan and that part of the Borough of The Bronx west of the Bronx River; such wires to connect only the premises of subscribers with the central stations of the Company and to be used for the purpose of maintaining a system whereby music and information in relation to matters of general interest may be distributed electrically from the central stations of the Company to two or more subscribers simultaneously and for no other purpose whatsoever.

Section 2. The grant of this privilege is subject to the following conditions, which shall be complied with by the Company:

First—The rights and privileges herein granted shall not be construed to in any way give the Company the right or privilege to engage in a business permitting communication between subscribers and this contract is entered into on the mutual and express understanding and agreement by and between the parties hereto that the Company will not in any way engage in a business which will permit communication between its subscribers or claim the right so to do under this contract and the right and privilege herein and hereby granted and conferred; it being understood that this is not a grant to do a telephone business within the general accepted meaning of the term.

Second—The said right to lay, construct, maintain and operate wires or other electrical conductors in conduits for the purpose aforesaid shall be held and enjoyed by the Company for the term of twenty-five (25) years from the date upon which this contract is signed by the Mayor, without any privilege of renewal thereof.

Third—The Company shall pay to the City for the privilege hereby granted the following sums of money:

(a) The sum of five thousand dollars ($5,000) in cash within three (3) months after the date on which this contract is signed by the Mayor, and before anything is done in exercise of the privilege hereby granted.

(b) During the first term of five (5) years an annual sum which shall in no case be less than two thousand five hundred dollars ($2,500), and which shall be equal to three (3) per cent. of its gross annual receipts if such percentage shall exceed the sum of two thousand five hundred dollars ($2,500).

During the second term of five (5) years an annual sum which shall in no case be less than three thousand five hundred dollars ($3,500), and which shall be equal to three (3) per cent. of its gross annual receipts, if such percentage shall exceed the sum of three thousand five hundred dollars ($3,500).

During the third term of five (5) years an annual sum, which shall in no case be less than five thousand dollars ($5,000), and which shall be equal to three (3) per cent. of its gross annual receipts, if such percentage shall exceed the sum of five thousand dollars ($5,000).

During the fourth term of five (5) years an annual sum, which shall in no case be less than seven thousand five hundred dollars ($7,500), and which shall be equal to four (4) per cent. of its gross annual receipts, if such percentage shall exceed the sum of seven thousand five hundred dollars ($7,500).

During the remaining term of five (5) years an annual sum, which shall in no case be less than ten thousand dollars ($10,000), and which shall be equal to five (5) per cent. of its gross annual receipts if such percentage shall exceed the sum of ten thousand dollars ($10,000).

The gross annual receipts mentioned above shall be the gross receipts of the Company from all sources within the Borough of Manhattan and the portion of the Borough of The Bronx lying westerly of the Bronx River.

The annual charges shall commence from the date upon which this contract is signed by the Mayor.

All annual charges as above shall be paid into the treasury of the City on November 1 of each year and shall be for the amount due to September 30 next preceding. Provided that the first annual payment shall be only for that proportion of the first annual charge as the time between the date upon which this contract is signed by the Mayor and September 30 following shall bear to the whole of one year.

Whenever the percentage required to be paid shall exceed the minimum amount as above, then such sum over and above such minimum shall be paid on or before November 1 in each year for the year ending September 30 next preceding.

Any and all payments to be made by the terms of this contract to The City by the Company shall not be considered in any manner in the nature of a tax, but such payments shall be made in addition to any and all taxes of whatsoever kind or description, now or hereafter required to be paid by any ordinance of The City, or resolution of the Board, or any law of the State of New York.

Fourth—The annual charges or payments shall continue throughout the whole term of this contract, notwithstanding any clause in any statute or in the charter of any other company providing for payment for similar rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted, or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this contract; and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assignee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof or otherwise exemption from liability to perform each and all of the conditions of this contract.

Fifth—The right and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall the title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company, or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in anywise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Sixth—Upon the termination of this original contract, or upon the termination of the rights hereby granted for any cause, or upon the dissolution of the Company before such termination, the wires, electrical conductors and other property of the Company constructed pursuant to this contract within the streets and avenues shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual.

If, however, at the termination of this contract, as above, the Board shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board, remove any and all of its wires, electrical conductors and other property, or any portion thereof, constructed pursuant to this contract, and the said streets and avenues shall be restored to their original condition at the sole cost and expense of the Company.

Seventh—Said wires, electrical conductors and other property shall be constructed, maintained and operated subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City.

No construction shall be commenced by the Company until written permits therefor have been obtained from the proper City officials.

In any permits so issued such officials may also impose such conditions, as a condition of the granting of the same, as are necessary for the purpose of protecting any structures, in the streets and avenues, over which such officials have jurisdiction, and the Company shall comply with such conditions.

Eighth—All wires or other electrical conductors of the Company laid pursuant to this contract shall be placed in ducts, conduits or subways (referred to in this paragraph as subways). Such subways shall be leased from the company or companies having control thereof under the provisions of law, or from the City should it succeed to the rights of such company or companies. If the City shall construct or acquire subways for electrical conductors in the Borough of Manhattan or the portion of the Borough of The Bronx west of the Bronx River, the Company hereby agrees to lay its wires and electrical conductors in such subways, and the City agrees to lease to the Company during the term of this contract such space as may be required for the business herein authorized.

Ninth—The Company shall, upon request from any individual or corporation occupying or owning premises in the territory in which the Company is operating, not in arrears to it for service already rendered, extend its wires to such premises and furnish its service to such individual or corporation, provided that such premises are not more than one-half (½) mile from any other premises in which the Company has its apparatus installed at the time such request is made.

Tenth—The Company shall file with the Board on the first day of November in each year a map or plan upon which shall be plainly indicated the number of wires which are used by the Company on the 30th day of September next preceding, and the streets and avenues in which the same are located, and also those which were put in during the preceding year.

Eleventh—The Company shall commence the operation of its system of distribution of music and matters of general interest, as herein authorized, within six (6) months from the date on which this contract is signed by the Mayor, and shall have in operation the apparatus for the delivery of such service at one thousand (1,000) points upon subscriber's premises within five (5) years from the date on which this contract is signed by the Mayor, otherwise this grant shall cease and determine.

Twelfth—The Board may, by resolution, direct the Company to install its apparatus and necessary appurtenances thereto in any or all of the free wards of Bellevue and Allied Hospitals, and in the assembly halls of any or all of the public schools within the portion of the City for which a franchise is hereby granted. Upon notice by the Board to the Company that any such resolution has been adopted the Company shall install such apparatus and the necessary appurtenances thereto, free of charge, and shall furnish service, as directed, at one-half the regular rates charged by the Company for similar service, provided that the Company shall not be required to extend its wires for the purpose of connecting with such hospitals or schools a distance greater in any case than one-half (½) mile.

Thirteenth—It is agreed that the Board shall have absolute power to regulate all charges or rates for services rendered by the Company to subscribers pursuant to this contract, provided that such rates shall be reasonable and fair, but the Company shall not at any time within the term of this contract charge more than twenty dollars ($20) per month for an unlimited music service.

Fourteenth—The Company shall not require nor receive from its subscribers any deposit or advance payment in excess of the cost to it of apparatus leased or furnished to the subscriber on his premises, and of what is reasonably necessary to insure payment of current bills, and on such amounts so paid the Company shall pay interest at the statutory rate whenever such money is held for more than one month. Unpaid bills shall never be charged against property unless due from the owner thereof, and no person not himself in arrears shall be denied service because any previous occupant of the same premises is in arrears to the Company for service.

Fifteenth—The wires of the Company shall be employed for no other purpose than those explicitly set forth herein, and the Company binds itself not to lay, use, lease or operate wires for illegal purposes.

Sixteenth—The Company shall assume all liability to persons or property by reason of the construction or operation authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Seventeenth—It is a condition of this contract that the Company shall bear the entire expense of all work undertaken by reason of this grant.

Eighteenth—If the Company shall fail to give efficient public service at reasonable rates or at the rates herein fixed, or at the rates which may be hereafter fixed by the Board, or fail to maintain its structures and equipment as herein provided in good condition throughout the whole term of this contract, the Board may give notice to the Company specifying any default on the part of the Company, and requiring the Company to remedy the same within a reasonable time; and upon failure of the Company to remedy such default within a reasonable time, the Company shall, for each day thereafter during which the default or defect remains, pay to the City the sum of two hundred and fifty dollars ($250) as fixed or liquidated damages, or the Board, in case such structures or equipment which may affect the surface of the streets shall not be put in good condition within a reasonable time after notice by the Board as aforesaid shall have the right to make all needed repairs at the expense of the Company, in which case the Company shall pay to the City the amount of the cost of such repairs, with legal interest thereon, all of which sums may be deducted from the fund hereinafter provided for.

Nineteenth—If, for a period of any three (3) consecutive months after the commencement of the operation of the system proposed by the Company, as herein provided, such system shall not be operated, or if the same shall not be operated for a period of any six (6) months out of any consecutive twelve (12) months after the commencement of operation, the Board may declare the right and franchise and this contract terminated without further proceedings in law or in equity.

Twentieth—The Company shall submit to the Board a report not later than November 1 of each year for the year ending September 30 next preceding, and at any other time, upon request of the Board which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. The total amount expended for same.
12. The names of the directors elected at the last meeting of the corporation held for such purpose.
13. Location, value and amount paid for real estate owned by the Company as by last report.
14. Location, value and amount paid for real estate now owned by the Company.
15. Number of subscribers served by the Company.
16. Total receipts of Company for each class of business.
17. Amounts paid by the Company for damage to persons or property on account of construction and operation.
18. Total expenses for operation, including salaries.

—and such other information in regard to the business of the Company as may be required by the Board.

Twenty-first—The Company shall at all times keep accurate books of account of the gross receipts from all sources within the limits of the City, and shall, on or before November 1 of each year, make a verified report to the Comptroller of the City of the business done by the Company for the year ending September 30 next preceding, in such form as he may prescribe. Such report shall contain a statement of such gross receipts from the operation of the system hereby authorized from all subscribers served by the Company, together with such other information as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Twenty-second—This grant is upon the express condition that the Company within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred hereby, shall deposit with the Comptroller of the City the sum of five thousand dollars ($5,000), either in money or security, to be approved by him, which fund shall be security for the performance by the Company of all the terms and conditions of this contract, especially those which relate to the payment of the annual charges for the privilege hereby granted, the rendering of efficient public service at the rates herein fixed or at the rates which may be hereafter fixed by the Board as herein provided, and in default of the payment of such annual charges, the City shall collect the same with interest from said fund after ten (10) days' notice to the Company. In case of failure by the Company to comply with the terms of this contract relating to the filing of annual statements, the furnishing of service to applicants as herein provided, or its neglect or refusal to comply with any demand or direction of the Board or other Municipal officer, made pursuant to the terms of this contract or under the authority of any laws or ordinances now or hereafter in force in such cases and in any of these events, the Company shall, except as herein otherwise provided, pay to the City a penalty of fifty dollars ($50) for each violation, which sum or sums may be deducted from said fund.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Board, on complaint made, shall give notice to the Company, directing its President, or other officer, to appear before the Board on a certain day not less than ten (10) days after the date of such notice, to show cause why the Company should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing, appears in the judgment of the Board to be in fault, said Board shall forthwith impose the prescribed penalty, or where the amount of the penalty is not prescribed herein, such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw the amount of such penalty from the security fund deposited with him. In case of any drafts made upon the security fund the Company shall, upon ten (10) days' notice pay to the City a sum sufficient to restore said security fund to the original amount of five thousand dollars ($5,000), and in default thereof this contract shall be canceled and annulled at the option of the Board, acting in behalf of the City. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Twenty-third—In case of any violation or breach or failure to comply with any of the provisions herein contained, or with any orders of the Board acting under the powers herein reserved, the franchise or consent herein granted may be forfeited by a suit brought by the Corporation Counsel, on notice of ten (10) days to the Company, or at the option of the Board by resolution of said Board, which said resolution may contain a provision to the effect that the wires and electrical conductors constructed and in use by virtue of this contract shall thereupon become the property of the City without proceedings at law or in equity. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Twenty-fourth—The words "notice" or "direction," wherever used in this contract, shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated, or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Twenty-fifth—If at any time the powers of the Board or any other of the authorities herein mentioned or intended to be mentioned, shall be transferred by law to any other board, authority, officer or officers, then and in such case such other board, authority, officer or officers, shall have all the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or officers.

Section 3. Nothing in this contract shall be construed as in any way limiting the present or future jurisdiction of the Public Service Commission under the Laws of the State of New York.

Section 4. The Company promises, covenants and agrees on its part and behalf to conform to, and abide by and perform all the terms, conditions and requirements in this contract fixed and contained.

In witness whereof, the party of the first part by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed; and the party of the second part, by its officers, thereunto duly authorized, has caused its corporate name to be hereunto signed, and its corporate seal to be hereunto affixed, the day and year first above written

THE CITY OF NEW YORK,
By....., Mayor.
(CORPORATE SEAL)
Attest ....., City Clerk.

THE NEW YORK MAGNAPHONE AND MUSIC COMPANY,
By....., President.
(SEAL)
Attest: ....., Secretary.
(Here add acknowledgments.)

Resolved, That the results of the inquiry made by this Board as to the money value of the franchise or right proposed to be granted and the adequacy of the compensation proposed to be paid therefor and of the terms and conditions, including the provisions as to the rates and charges are as hereinbefore specified, and fully set forth in and by the foregoing form of proposed contract for the grant of such franchise or right.

Resolved, That these preambles and resolutions for the grant of a franchise or right applied for by the New York Magnaphone and Music Company and the said form of proposed contract for the grant of such franchise or right containing said results of such inquiry after the same shall be entered in the minutes of this Board, shall be published for at least twenty (20) days immediately prior to Thursday, December 7, 1911, in the CITY RECORD and at least twice during the ten (10) days immediately prior to Thursday, December 7, 1911, in two daily newspapers to be designated by the Mayor therefor and published in The City of New York at the expense of the New York Magnaphone and Music Company, together with the following notice, to wit:

Notice is hereby given that the Board of Estimate and Apportionment, before authorizing any contract for the grant of a franchise or right applied for by the New York Magnaphone and Music Company and fully set forth and described in the foregoing form of proposed contract for the grant of such franchise or right, and before adopting any resolution authorizing any such contract, will, at a meeting of said Board, to be held in the old Council Chamber, City Hall, Borough of Manhattan, City of New York, on Thursday, December 7, 1911, at 10.30 o'clock a. m., hold a public hearing thereon, at which citizens shall be entitled to appear and be heard.

(The "Sun" and New York "Press" designated.) JOSEPH HAAG, Secretary.

Dated New York, October 26, 1911. n13,d7

DEPARTMENT OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., 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 2.30 o'clock p. m. on

TUESDAY, DECEMBER 12, 1911.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION OF SECTIONAL REMOVABLE ENCLOSURES FOR THE VERANDA AND BALCONY OF THE "FEMALE BLIND PAVILION" AT THE NEW YORK CITY HOME FOR THE AGED AND INFIRM, BLACKWELLS ISLAND, THE CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of the contract is thirty (30) consecutive working days. The surety required will be One Thousand Dollars ($1,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms and further information may be obtained at the office of the Architect of the Department, foot of E. 26th st., The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.
Dated November 28, 1911. n29,d12

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

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., 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 2,30 o'clock p. m. on

TUESDAY, DECEMBER 12, 1911,

FOR FURNISHING AND DELIVERING ANTHRACITE, BITUMINOUS AND GAS COAL.

The quantities are as follows:

Boroughs of Manhattan and The Bronx.

1,850 tons egg coal.
6,000 tons buckwheat coal.
600 tons pea coal.
800 tons stove coal.
7,000 tons bituminous coal.
400 tons gas coal.

Boroughs of Brooklyn and Queens.

6,000 tons pea coal.
700 tons stove coal.

Borough of Richmond,

800 tons egg coal.

The time for the performance of the contract is during the months of January, February, March and April, 1912. The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price per gross ton, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each class as stated in the specifications.

Blank forms and further information may be obtained at the office of the Department, foot of E. 26th st., Borough of Manhattan.

MICHAEL J. DRUMMOND, Commissioner.
The City of New York, November 28, 1911. n29,d12

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

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., 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 2.30 o'clock p. m., on

THURSDAY, DECEMBER 7, 1911,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR MAKING CERTAIN ADDITIONS AND ALTERATIONS TO THE CENTRAL OFFICE, LOCATED ON THE DOCK AT THE FOOT OF EAST TWENTY-SIXTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

The time allowed for doing and completing the work will be sixty (60) consecutive working days.

The security required will be Twenty-five Hundred Dollars ($2,500).

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 E. 26th st., The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.
Dated November 23, 1911. n24,d7

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

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., 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 2.30 o'clock p. m. on

TUESDAY, DECEMBER 5, 1911,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION OF A BRICK SHOP BUILDING AT THE NEW YORK CITY HOME FOR THE AGED AND INFIRM, BLACKWELL'S ISLAND, THE CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of the contract is fifty (50) consecutive working days.

The surety required will be Two Thousand Dollars ($2,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms and further information may be obtained at the office of the Architect of the Department, foot of E. 26th st., The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.
Dated November 21, 1911. n22,d5

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

POLICE DEPARTMENT.

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 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.

R. WALDO, Police Commissioner.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York—Office, No. 269 State street, Borough of Brooklyn—for the following property, now in 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.

R. WALDO, Police Commissioner.

DEPARTMENT OF PARKS.

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, 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, DECEMBER 14, 1911,
Borough of Manhattan,

FOR FURNISHING AND DELIVERING TWO GASOLENE MOTOR ROAD ROLLERS.

The time allowed for the completion of this contract will be 30 consecutive working days.

The amount of security required is Three Thousand Dollars.

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

Bids must be submitted in duplicate.

Blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, 64th st. and 5th ave., Borough of Manhattan, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
d2,14

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, 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, DECEMBER 14, 1911,
Borough of Manhattan,

FOR FURNISHING AND LAYING WATER MAINS AND APPURTENANCES IN VARIOUS PLACES AS REQUIRED IN CENTRAL PARK.

The time allowed for the completion of the whole work will be one hundred consecutive working days.

The amount of security required is Seventeen Thousand Dollars.

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

Plans may be seen and blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
d2,14

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, 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, DECEMBER 14, 1911,
Borough of Manhattan,

FOR FURNISHING AND LAYING A WATER SUPPLY FOR THE NEW COMFORT STATION, WEST OF THE OLD RESERVOIR IN CENTRAL PARK.

The time allowed for the completion of the whole work will be thirty consecutive working days.

The amount of security required is One Thousand Three Hundred Dollars.

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

Plans may be seen and blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
d2,14

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., 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, DECEMBER 14, 1911,
Borough of Manhattan,

FOR ALL LABOR AND MATERIALS REQUIRED FOR PAINTING THE EXTERIOR OF JUMEL MANSION, LOCATED AT JUMEL PLACE, WEST 160TH TO WEST 161ST STREETS.

The amount of the security required is Five Hundred Dollars.

The time allowed to complete the whole work will be thirty consecutive working days.

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

Plans may be seen and blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
d2,14

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., 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, DECEMBER 14, 1911,
Borough of Manhattan,

FOR CONSTRUCTING A PIPE-SEWER AND APPURTENANCES FROM THE NEW COMFORT STATION WEST OF THE RESERVOIR TO THE SEWER FROM THE SWEDISH SCHOOL HOUSE, ALL IN CENTRAL PARK.

The amount of security required is One Thousand Dollars.

The time allowed to complete the work will be thirty-five consecutive working days.

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

Plans may be seen and blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
d2,14

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., 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, DECEMBER 14, 1911,
Borough of Manhattan,

FOR ALL LABOR AND MATERIALS REQUIRED FOR FURNISHING AND INSTALLING A NEW STEAM BOILER IN THE ARSENAL BUILDING IN CENTRAL PARK.

The amount of security required is Five Hundred Dollars.

The time allowed to complete the work will be thirty consecutive working days.

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

Plans may be seen and blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
d2,14

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, 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, DECEMBER 7, 1911,
Borough of Brooklyn,

FOR FURNISHING AND DELIVERING COAL IN PARKS AND ON PARKWAYS, BOROUGH OF BROOKLYN.

Bids must be submitted in duplicate.

The time allowed for the completion of this contract will be ninety-one days.

The amount of the security required is Eight Hundred Dollars ($800).

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, Boroughs of Brooklyn and Queens, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B .STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
n24,d7

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, 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, DECEMBER 7, 1911,
Borough of Brooklyn,

FOR FURNISHING AND DELIVERING FORAGE AT PROSPECT PARK, BOROUGH OF BROOKLYN.

Bids must be submitted in duplicate.

The time allowed for the completion of this contract will be 182 days.

The amount of the security required is Two Thousand Dollars ($2,000).

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, Boroughs of Brooklyn and Queens, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
n24,d7

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, 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, DECEMBER 7, 1911,
Borough of Brooklyn,

FOR FURNISHING AND DELIVERING FRESH BEEF AND FISH AT THE MENAGERIE, PROSPECT PARK, BOROUGH OF BROOKLYN.

Bids must be submitted in duplicate.

The time allowed for the completion of this contract will be 182 days.

The amount of the security required is Seven Hundred Dollars ($700).

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, Boroughs of Brooklyn and Queens, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
n24,d7

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, 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, DECEMBER 7, 1911,
Borough of Manhattan,

FOR CONSTRUCTING A PIPE-SEWER AND APPURTENANCES FROM THE TERRACE BRIDGE TO THE OUTLET SEWER FROM THE LAKE, ALL IN CENTRAL PARK.

The amount of security required is One Thousand Five Hundred Dollars.

The time allowed to complete the work will be fifty consecutive working days.

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

Plans may be seen and blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
n24,d7

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, 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, DECEMBER 7, 1911,
Borough of Manhattan,

FOR CONSTRUCTING A PIPE-SEWER AND APPURTENANCES FROM THE NEW COMFORT STATION, WEST OF THE RESERVOIR, TO THE SEWER FROM THE SWEDISH SCHOOL HOUSE, ALL IN CENTRAL PARK.

The amount of security required is One Thousand Dollars.

The time allowed to complete the work will be thirty-five consecutive working days.

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

Plans may be seen and blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
n24,d7

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

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

THURSDAY, DECEMBER 7, 1911,
Borough of Brooklyn,

FOR FURNISHING AND DELIVERING TOPSOIL OR GARDEN MOULD AT SUNSET PARK, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be eighty (80) days.

The amount of the security required is Four Thousand Dollars ($4,000).

Bids must be submitted in duplicate.

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, Boroughs of Brooklyn and Queens, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
n24,d7

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

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, 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, DECEMBER 7, 1911,
Borough of Brooklyn,

FOR FURNISHING AND DELIVERING TOPSOIL OR GARDEN MOULD AT FORT GREENE PARK, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be eighty-five (85) days.

The amount of the security required is Five Thousand Dollars ($5,000).

Bids must be submitted in duplicate.

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, Boroughs of Brooklyn and Queens, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
n24,d7

☞**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 the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of ST. GEORGE'S CRESCENT, between East Two Hundred and Sixth street and Van Cortlandt avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE final reports of the Commissioners of Estimate and of the Commissioner of Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House, in the Borough of Manhattan, in The City of New York, on the 7th day of December, 1911, at 10.30 o'clock in forenoon of that day; and that the said final reports have been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, December 1, 1911.

DOMINIC L. O'REILLY, BERNARD HARTMAN, Commissioners of Estimate; DOMINIC L. O'REILLY, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d1,d6

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 for the same purpose in fee, to the lands, tenements and hereditaments required for the widening of WEST ONE HUNDRED AND SIXTY-EIGHTH STREET, from Amsterdam avenue to Jumel place, in the Twelfth Ward, Borough of Manhattan, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part III. thereof, in and for the County of New York, in the County Courthouse, in the Borough of Manhattan, City of New York, on the 11th day of December, 1911, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York for the use of the public to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the widening of West One Hundred and Sixty-eighth street, from Amsterdam avenue to Jumel place, in the Twelfth Ward, Borough of Manhattan, City of New York, being the following-described pieces or parcels of land, viz.:

Beginning at a point on the easterly line of Amsterdam avenue, distant 111.2 feet north of the northerly line of West One Hundred and Sixty-seventh street, as this street is laid out east of Amsterdam avenue; thence easterly and at right angles to the line of Amsterdam avenue, distant 200.00 feet to the westerly line of Jumel place; thence northerly along the line of Jumel place, distance 75.00 feet; thence westerly and parallel to the last course but one, distance 200.00 feet, to the easterly line of Amsterdam avenue; thence southerly along the line of Amsterdam avenue, distance 75.00 feet, to the point or place of beginning.

This land is located in Section 8, Block No. 2112 of the Land Map of the Borough of Manhattan, City of New York.

The Board of Estimate and Apportionment on the 29th day of June, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the westerly line of

Amsterdam avenue distant 75 feet southerly from its intersection with the southerly line of West One Hundred and Sixty-eighth street, and running thence westwardly and parallel with West One Hundred and Sixty-eighth street to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Amsterdam avenue, the said distance being measured at right angles to Amsterdam avenue; thence northwardly along the said line parallel with Amsterdam avenue to a point distant 75 feet northerly from the northerly line of West One Hundred and Sixty-eighth street, the said distance being measured at right angles to West One Hundred and Sixty-eighth street; thence eastwardly and parallel with West One Hundred and Sixty-eighth street to the intersection with the westerly line of Amsterdam avenue; thence eastwardly in a straight line to a point on the easterly line of Amsterdam avenue distant 175 feet northerly from its intersection with the northerly line of West One Hundred and Sixty-eighth street; thence eastwardly and parallel with West One Hundred and Sixty-eighth street and its prolongation as laid out adjoining Jumel place, to a point distant 90 feet easterly from the easterly line of Jumel place, the said distance being measured at right angles to Jumel place; thence southwardly and parallel with Jumel place to the intersection with the prolongation of a line distant 125 feet southerly from and parallel with the southerly line of West One Hundred and Sixty-eighth street, as this street is laid out between Amsterdam avenue and Jumel place, the said distance being measured at right angles to West One Hundred and Sixty-eighth street; thence westwardly along the said line parallel with West One Hundred and Sixty-eighth street and along the prolongation of the said line to the intersection with a line midway between Amsterdam aveneu and Jumel place; thence northwardly along the said line midway between Amsterdam avenue and Jumel place to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of West One Hundred and Sixty-eighth street, as this street is laid out between Amsterdam avenue and Jumel place, the said distance being measured at right angles to West One Hundred and Sixty-eighth street; thence westwardly along the said line parallel with West One Hundred and Sixty-eighth street to the intersection with the easterly line of Amsterdam avenue; thence westwardly in a straight line to the point or place of beginning.

Dated New York, November 27, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n27,d8

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain uplands and lands, wharf property, wharfage rights, terms, easements, emoluments and privileges necessary to be taken for the improvement of the waterfront of The City of New York, on the North River, between West Fifteenth and West Eighteenth streets, and the easterly side of the marginal street, wharf or place adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund, and the North River, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A BILL of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 11th day of December, 1911, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, November 25, 1911.

JOSEPH M. SCHENCK, Clerk. n27,d8

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 for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of MATTHEWS AVENUE, from Burke avenue to the Boston road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Courthouse, in the Borough of Manhattan, in The City of New York, on the 12th day of December, 1911, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, November 27, 1911.

JNO. J. LENEHAN, WALTER E. BROWN, DOMINIC O'REILLY, Commissioners of Estimate; JNO. J. LENEHAN, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. n27,d8

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 for the same purpose in fee, to the lands, tenements and hereditaments required for the widening of RIVERSIDE DRIVE on its easterly side, between West One Hundred and Fifty-fifth street and West One Hundred and Fifty-sixth street, in the Twelfth Ward, Borough of Manhattan, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part III. thereof, in and for the County of New York, in the County Courthouse, in the Borough of Manhattan, City of New York, on the 11th day of December, 1911, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the widening of Riverside drive on its easterly side, between West One Hundred and Fifty-fifth street and West One Hundred and Fifty-sixth street, in the Twelfth Ward, Borough of Manhattan, City of New York, being the following-described pieces or parcels of land, viz.:

Beginning at a point distant 675 feet from the northwesterly corner of One Hundred and Fifty-fifth street and Broadway; thence northerly and at right angles to West One Hundred and Fifty-fifth street, distant 74.30 feet; thence southwesterly in a curved line radius 211.00 feet, distance 35.35 feet; thence southerly and parallel to the last course but one, distance 49.68 feet to the northerly line of West One Hundred and Fifty-fifth street; thence easterly along the said northerly line of West One Hundred and Fifty-fifth street, distance, 25.00 feet, to the point or place of beginning.

This land to be found in Section 8, Block No. 2134 of the Land Map of the Borough of Manhattan, City of New York.

The Board of Estimate and Apportionment on the 4th day of May, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the north by a line midway between West One Hundred and Fifty-fifth street and West One Hundred and Fifty-sixth street; on the east by a line distant 100 feet easterly from and parallel with the easterly line of Broadway, the said distance being measured at right angles to Broadway; on the south by a line midway between West One Hundred and Fifty-third street and West One Hundred and Fifty-fifth street; and on the west by the easterly line of Riverside drive.

Dated New York, November 27, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n27,98

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 for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of HOE AVENUE, from Aldus street to Whitlock avenue, in the Twenty-third Ward, in the Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part III. thereof, in and for the County of New York, in the County Courthouse, in the Borough of Manhattan, City of New York, on the 11th day of December, 1911, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of Hoe avenue, from Aldus street to Whitlock avenue, in the Twenty-third Ward, in the Borough of The Bronx, City of New York, being the following-described pieces or parcels of land:

Beginning at a point in the northern line of East One Hundred and Sixty-third street, distant 38.08 feet westerly from the intersection of said line with the northwestern line of Whitlock avenue.

1. Thence westerly along the northern line of East One Hundred and Sixty-third street for 60.16 feet.
2. Thence northerly deflecting 85 degrees 50 seconds 00 minutes to the right for 270.88 feet.
3. Thence easterly deflecting 89 degrees 24 minutes 03 seconds to the right for 60.0 feet.
4. Thence southerly for 275.87 feet to the point of beginning.

Hoe avenue is shown on Section 11 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards, filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of The City of New York, on June 13, 1894; in the office of the Register of the City and County of New York on June 15, 1894, as Map No. 355, and in the office of the Secretary of State of the State of New York on June 15, 1894.

Land to be taken for Hoe avenue is located in Blocks 2742 and 2746 of Section 9 of the Land Map of The City of New York.

The Board of Estimate and Apportionment on the 15th day of December, 1910, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the southerly line of Aldus street, midway between Southern boulevard and Hoe avenue, and running thence eastwardly along the southerly line of Aldus street to the intersection with a line midway between Hoe avenue and Faile street; thence southwardly along the said line midway between Hoe avenue and Faile street, and along the prolongation of the said line, to the intersection with the southeasterly line of Whitlock avenue; thence southeastwardly at right angles to Whitlock avenue a distance of 100 feet; thence southwestwardly and parallel with Whitlock avenue and its prolongation as this street is laid out between Hunts Point road and Faile street, to the intersection with a line at right angles to the said line of Whitlock avenue and passing through a point on the said prolongation of its southeasterly line where it is intersected by a line parallel with Hoe avenue and passing through the point of beginning; thence northwestwardly along the said line at right angles to Whitlock avenue to the prolongation of its said southeasterly side; thence northwardly along the said line parallel with Hoe avenue to the point or place of beginning, excepting, however, all land at right angles to the street lines adjoining the parcels already ceded.

Dated New York, November 27, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n27,d8

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 for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of EAST TWO HUNDRED AND SEVENTEENTH STREET, from White Plains road (avenue) to Oakley street (avenue), formerly Ash avenue, in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part III. thereof, in and for the County of New York, in the County Court-house, in the Borough of Manhattan, City of New York, on the 11th day of December, 1911, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of East 217 street, from White Plains road (avenue) to Oakley street (avenue), formerly Ash avenue, in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York, being the following-described pieces or parcels of land:

Beginning at a point in the eastern line of White Plains road distant 1,318.58 feet southerly from the intersection of said line with the southern line of East 222d street.

1. Thence southerly along the eastern line of White Plains road for 50.0 feet.
2. Thence easterly deflecting 90 degrees 00 minutes 12 seconds to the left for 1,625.19 feet.
3. Thence easterly deflecting 2 degrees 32 minutes 07 seconds to the right for 100.10 feet.
4. Thence easterly deflecting 2 degrees 33 minutes 37 seconds to the left for 1,491.52 feet.
5. Thence northeasterly deflecting 56 degrees 1 minute 17 seconds to the left for 72.36 feet.
6. Thence westerly deflecting 123 degrees 58 minutes 43 seconds to the left for 1,531.93 feet.
7. Thence westerly deflecting 39 degrees 9 minutes 52 seconds to the left for 100.15 feet.
8. Thence westerly for 1,625.18 feet to the point of beginning.

East 217th street, from White Plains road to Oakley street, is shown on Sections 30, 32 and 35 of the Final Maps of the Borough of The Bronx, prepared by the President of the Borough of The Bronx, under authority of Chapter 466 of the Laws of 1901 and amendatory acts which maps were filed as follows:

Section 30—Office of the President of the Borough of The Bronx on January 9, 1911; in the office of the Register of the County of New York on January 4, 1911, as Map No. 1479, and in the office of the Counsel to the Corporation of The City of New York on January 5, 1911, in pigeon hole 150.

Section 32—Office of the President of the Borough of The Bronx on January 9, 1911; in the office of the Register of the County of New York on January 4, 1911, as Map No. 1477, and in the office of the Counsel to the Corporation of The City of New York on January 4, 1911, in pigeon hole 150.

Section 35—Office of the President of the Borough of The Bronx on June 21, 1911; in the office of the Register of the County of New York on June 17, 1911, as Map No. 1532, and in the office of the Counsel to the Corporation of The City of New York on June 19, 1911, in pigeon hole 165.

Land taken for East 217th street is located east of Bronx River.

The Board of Estimate and Apportionment on the 22d day of May, 1908, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the north by a line always midway between East 217th street and East 218th street, and by the prolongation of said line; on the southeast by a line distant 100 feet southeasterly from and parallel with the southeasterly line of Oakley street, the said distance being measured at right angles to the line of Oakley street, on the south by a line always midway between East 216th street and East 217th street, and by the prolongations of the said line; and on the west by a line always distant 100 feet westerly from and parallel with the westerly line of White Plains road, the said distance being measured at right angles to the line of White Plains road.

Dated New York, November 27, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n27,d8

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 for the same purpose in fee, to the lands, tenements and hereditaments required for the widening of WEST TWO HUNDRED AND SEVENTH STREET, between Tenth avenue and Emerson street, in the Twelfth Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above-entitled 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 the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 18th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 20th day of December, 1911, at 1 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 18th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 21st day of December, 1911, at 1.30 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 11th day of March, 1910, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on a line midway between West Two Hundred and Seventh street and West Two Hundred and Eighth street, where it is intersected by a line midway between Ninth avenue and Tenth avenue, and running thence southwardly along the said line midway between Ninth avenue and Tenth avenue to the intersection with a line midway between West Two Hundred and Sixth street and West Two Hundred and Seventh street; thence westwardly along the said line midway between West Two Hundred and Sixth street and West Two Hundred and Seventh street, and along the prolongation of the said line to a point distant 100 feet southwesterly from the southwesterly line of Emerson street, the said distance being measured at right angles to Emerson street; thence northwestwardly and parallel with Emerson street to the intersection with a line midway between Sherman avenue and Vermilyea avenue; thence northeastwardly along the said line midway between Sherman avenue and Vermilyea avenue to a point distant 100 feet northeasterly from the northeasterly line of Emerson street, the said distance being measured at right angles to Emerson street; thence southeastwardly and parallel with Emerson street to the intersection with a line parallel with West Two Hundred and Seventh street and passing through the point of beginning; thence eastwardly along the said line parallel with West Two Hundred and Seventh street to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment 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 20th day of December, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Courthouse, in the Borough of Manhattan, in The City of New York, on the 25th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, 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, November 23, 1911.

CHARLES L. HOFFMAN, Chairman; T. O. McGILL, HENRY BRADY, Commissioners of Estimate; CHARLES L. HOFFMAN, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. n27,d14

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 for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of PARKER STREET (avenue) (although not yet named by proper authority), from Protectory avenue to Wellington avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled 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 the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 15th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 18th day of December, 1911, at 3 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 15th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 19th day of December, 1911, at 3 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 15th day of January, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the northerly line of Wellington avenue where it is intersected by the prolongation of a line midway between Zerega avenue and Parker street, as these streets are laid out northwesterly from Westchester avenue, and running thence southwardly at right angles to Wellington avenue, a distance of 160 feet, thence westwardly and parallel with Wellington avenue to the intersecton with a line at right angles to Wellington avenue, and passing through a point on its northerly side where it is intersected by the prolongation of a line midway between Parker street and Glover street; thence northwardly along the said line at right angles to Wellington avenue to its northerly side; thence northwestwardly along the said line midway between Parker street and Glover street, and along the prolongations of the said line to the intersection with the prolongation of a line midway between St. Raymond avenue and Parker street as these streets are laid out between Purdy street and Castle Hill avenue; thence westwardly along the said line midway between St. Raymond avenue and Parker street, and along the prolongation of the said line to a point distant 100 feet westerly from the westerly line of Purdy street; thence northwardly and parallel, respectively with Purdy street and Protectory avenue to the intersection with the prolongation of a line distant 250 feet northerly from and parallel with the northerly line of Parker street, as laid out between Protectory avenue and Castle Hill avenue, the said distance being measured at right angles to the line of Parker street; thence eastwardly along the said line parallel with Parker street, and along the prolongation of the said line to the intersection with the prolongation of a line midway between Zerega avenue and Parker street, as these streets are laid out northwesterly from Westchester avenue; thence southeastwardy along the said line midway between Zerega avenue and Parker street and along the prolongations of the said line to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment 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 18th day of December, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 16th day of February, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them the motion to confirm the reports as to awards and as to assessments shal stand adjourned to the date to be hereafter

specified in the notice provided in such cases to be given in relation to filing the final reports, 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, November 22, 1911.

ERNEST HALL, Chairman; DAN'L W. PATTERSON, CHAS. C. MARRIN, Commissioners of Estimate; ERNEST HALL, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. n25,d13

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 for the same purpose in fee, to the lands, tenements and hereditaments required for the widening and extending of GUN HILL ROAD (although not yet named by proper authority), from Webster avenue to Elliott avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled 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 the undersigned, Commissioners of Estimate, have completed their supplemental and amended estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 6th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 8th day of December, 1911, at 10 o'clock a. m.

Second—That the undersigned, Commissioner of Assessment, has completed his supplemental and amended estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 6th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 9th day of December, 1911, at 10 o'clock a. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 16th day of November, 1906, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Bounded on the west by a line 100 feet west of the westerly side of Webster avenue and parallel therewith; on the north by a line 100 feet north of the northerly side of East 213th street and parallel therewith, and the said line extended from a point 100 feet west of the westerly side of Webster avenue to a point 100 feet east of the easterly side of White Plains road; on the east by a line 100 feet east of the easterly side of White Plains road and parallel therewith; on the south by a line 100 feet south of the southerly side of East 210th street and parallel therewith, and the said line extended from a point 100 feet east of the easterly side of White Plains road to a point 100 feet west of the westerly side of Webster avenue.

Fourth—That the abstracts of said supplemental and amended estimate of damage and of said supplemental and amended assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 9th day of December, 1911.

Fifth—That, provided there be no objections filed to either of said supplemental and amended abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 25th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of supplemental and amended estimate and assessment, or to either of them the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, 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, November 20, 1911.

JOHN J. MACKIN, TIMOTHY E. COHALAN, Commissioners of Estimate; TIMOTHY E. COHALAN, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. n24,d6

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired to the lands, tenements and hereditaments required for the opening and extending of TREMONT AVENUE (or East 177th Street) (although not yet named by proper authority), from Aqueduct avenue to Sedgwick avenue in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

In re petition of Elizabeth D. Camp for the loss and damage, if any, sustained by her in connection with the premises described in said petition being Lot No. 1, Block 2879, in Section 11, in the Twenty-fourth Ward, by reason of the closing, discontinuance and abandonment of East 177th street, between Aqueduct avenue and Andrews avenue in front of and adjoining said premises.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 8th day of December, 1911, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the Office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, November 24, 1911.

FRANCIS V. S. OLIVER, JOHN F. MAHER, RODERICK J. KENNEDY, Commissioners of Estimate and Assessment.

JOEL J. SQUIER, Clerk. n24,d6

FIRST DEPARTMENT.

In the matter of acquiring title by The City of New York to certain lands and premises situated on the westerly line of Hamilton place, between One Hundred and Fortieth and One Hundred and Forty-first streets, in the Borough of Manhattan, duly selected as a site for school purposes, according to law.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Appraisal in the above-entitled proceeding, do 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 or persons respectively entitled to or interested in the lands and premises affected by this proceeding, known as Parcel Damage No. 2, including the easements of light, air and access over Damage Parcel No. 3, or having any interest therein as directed by the order of the Special Term granted herein and entered in the office of the Clerk of the County of New York on the first day of July 1910, and have filed a true report or transcript of such estimate in the office of the Board of Education of The City of New York, at its office, situated at the southwest corner of 59th street and Park avenue, 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, or who may object to the same, or any part thereof, may, within ten days after the first publication of this notice, Thursday, November 23, 1911, file their objections, in writing, with us at our office, Room 401, 258 Broadway, in the Borough of Manhattan, in The City of New York; and we, the said Commissioners, will hear parties so objecting, at our said office, on the 6th day of December, 1911, at 1 o'clock in the afternoon of that day, and upon subsequent days as may be found necessary.

Dated New York, November 22, 1911.

CHARLES L. HOFFMAN, BENNO LEWINSON, GEORGE WILLIAM CLUNE, Commissioners.

JOSEPH M. SCHENCK, Clerk. n23,d5

SUPREME COURT—SECOND DEPARTMENT.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of CHAUNCEY STREET, from Hoyt avenue to Winthrop avenue, and GOODRICH STREET, between Flushing and Winthrop avenues, in the First Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above-entitled proceeding, and 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 the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, in the Municipal Building, Court House square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 26th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 28th day of December, 1911, at 2 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, in the Municipal Building, Court House square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 26th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 29th day of December, 1911, at 2 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 8th day of February, 1907, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point 100 feet northeast of the northeasterly line of Winthrop avenue in the prolongation of a line midway between Chauncey street and Lawrence street, and running northwestwardly on a line 100 feet northeast of the northeasterly side of Winthrop avenue and parallel therewith to a point in the prolongation of a line midway between Goodrich street and Merchant street; thence southwestwardly on a line midway between the northwesterly side of Goodrich street and the southeasterly side of Merchant street and the prolongation of said line to its intersection with a line 100 feet south of the southerly side of Flushing avenue and parallel therewith; thence eastwardly along the said line 100 feet south of the southerly side of Flushing avenue and parallel therewith to its intersection with the prolongation of a line midway between the southeasterly side of Chauncey street and the northwesterly side of Lawrence street; thence northeastwardly along the said line midway between the southeasterly side of Chauncey street and the northwesterly side of Lawrence street and the prolongation thereof to its intersection with a line 100 feet northeast of the northeasterly side of Winthrop avenue, the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, in the Municipal Building, Court House square, in the Borough of Queens, in said City, there to remain until the 28th day of December, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 15th day of February, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, 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 16, 1911.

AUGUST REYMERT, Chairman; LUKE OTTEN, THOMAS H. MULHOLLAND, Commissioners of Estimate.

LUKE OTTEN, Commissioner of Assessment.

JOSEPH J. MYERS, Clerk. d5,21

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, in fee wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of HEBERTON AVENUE, between a line about 188 feet north of Ann street and Richmond terrace, in the Third Ward, Borough of Richmond, City of New York.

NOTICE IS HEREBY GIVEN TO ALL persons interested in the above-entitled 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 the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 26th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 28th day of December, 1911, at 1 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 26th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 29th day of December, 1911, at 1.30 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 1st day of July, 1910, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Richmond, in The City of New York, which, taken together, are bounded and described as follows, viz:

Beginning at a point on a line midway between Heberton avenue and Broadway, where it is intersected by a line at right angles to Richmond terrace, and passing through a point on its westerly side midway between Heberton avenue and Broadway, as measured along the westerly line of Richmond terrace, and running thence northeastwardly along the said line at right angles to Richmond terrace to a point distant 100 feet easterly from its easterly side; thence southwardly and always parallel with Richmond terrace to the intersection with a line bisecting the angle formed by the intersection of the easterly line of Heberton avenue with the northerly line of Bennett street; thence southwestwardly along the said bisecting line to a point distant 100 feet easterly from the easterly line of Heberton avenue, the said distance being measured at right angles to Heberton avenue, thence southwardly and parallel with Heberton avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongation of the easterly line of Heberton avenue, as laid out adjoining Bennett street, with the westerly line of Cottage place; thence southwardly along the said bisecting line to the intersection with the prolongation of a line midway between Heberton avenue and Washington place; thence southwardly along the said line midway between Heberton avenue and Washington place, and along the prolongation of the said line, to the intersection with the prolongation of a line midway between Heberton avenue and Decker avenue, as these streets are in use adjoining St. Mary's avenue and Catherine street, respectively; thence southwardly along the said line midway between Heberton avenue and Decker avenue, and along the prolongation of the said line, to the intersection with the prolongation of a line midway between Heberton avenue and Decker avenue, as these streets are in use adjoining St. Mary's avenue and Catherine street, respectively; thence southwardly along the said line midway between Heberton avenue and Decker avenue, and along the prolongation of the said line, to the intersection with the prolongation of the southerly line of St. Mary's avenue; thence westwardly along the southerly line of St. Marys avenue, and the prolongation thereof, to the intersection with a line midway between Richmond avenue and Heberton avenue; thence northwardly along a line always midway between Richmond avenue and Heberton avenue to the intersection with a line midway between Mersereau avenue and Albion place; thence eastwardly along the said line midway between Mersereau avenue and Albion place to the intersection with the prolongation of a line midway between Broadway and Heberton avenue; thence northwardly along a line always midway between Broadway and Heberton avenue, and along the prolongation thereof, to the point or place of beginning.

(The lines of the streets herein referred to and which have not yet been formally incorporated upon the City map are intended to be those now in use and as commonly recognized).

Fourth—That the abstract of said estimate of damage and of said assessment for benefit together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 28th day of December, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 8th day of February, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, 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, November 28, 1911.

J. HARRY TIERNAN, Chairman; DANIEL L. DRISCOLL, EDWARD R. SLATER, Commissioners of Estimate; J. HARRY TIERNAN, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d4,20

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the same purpose in fee to the lands and premises required for the opening and extending of JEFFERSON STREET (although not yet named by proper authority), from Liberty avenue to Tysen avenue, in the Fourth Ward, Borough of Richmond, City of New York.

NOTICE IS HEREBY GIVEN THAT THE final reports of the Commissioners of Estimate and of the Commissioner of Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 8th day of December, 1911, at 10.30 o'clock in the forenoon of that day; and that the said final reports have been deposited in the office of the Clerk of the County of Richmond, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, December 1, 1911.

SIDNEY F. RAWSON, JOHN CROAK, JAMES McBRIEN, Commissioners of Estimate; SIDNEY F. RAWSON, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d1,6

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of SHEFFIELD AVENUE, from Livonia avenue to New Lots avenue, in the Twenty-sixth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled 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 the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 20th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 21st day of December, 1911, at 11 o'clock a. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 20th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 22d day of December, 1911, at 11 o'clock a. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 4th day of June, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on a line midway between Georgia avenue and Sheffield avenue, distant 100 feet northerly from the northerly line of Livonia avenue, and running thence eastwardly and parallel with Livonia avenue, to a line midway between Sheffield avenue and Pennsylvania avenue; thence southwardly along the said line midway between Sheffield avenue and Pennsylvania avenue to the northerly line of New Lots avenue; thence southwardly at right angles to New Lots avenue a distance of 170 feet; thence westwardly and parallel with New Lots avenue to a line at right angles to New Lots avenue, and passing through a point on its northerly side midway between Georgia avenue and Sheffield avenue; thence northwardly along the said line at right angles to New Lots avenue to its northerly side; thence northwardly along a line midway between Sheffield avenue and Georgia avenue to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 2d day of January, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 24th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, 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 Brooklyn, New York, December 1, 1911.

GEORGE A. STEVES, WALTER F. CLAYTON, Chairman; JOHN H. ELLIOTT, Commissioners of Estimate; GEORGE A. STEVES, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. d1,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wher-

ever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of RALPH AVENUE, from Eastern Parkway to East Ninety-eighth street; UNION STREET, from East New York avenue to East Ninety-eighth street; TAPSCOTT STREET, from East New York avenue to East Ninety-eighth street; HOWARD AVENUE, from East New York avenue to East Ninety-eighth street; GRAFTON STREET, from Sutter avenue to East Ninety-eighth street, in the Twenty-fourth, Twenty-sixth, Twenty-ninth and Thirty-second Wards, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled 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 the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 20th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 21st day of December, 1911, at 2 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 20th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 22d day of December, 1911, at 2 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 10th day of April, 1908, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the southwesterly line of East 98th street where it is intersected by a line distant 100 feet westerly from and parallel with the westerly line of Ralph avenue, the said distance being measured at right angles to the line of Ralph avenue, and running thence northwardly along the said line parallel with Ralph avenue to the intersection with a line which bisects the angle formed between the centre lines of East 98th street and Ralph avenue as these streets are laid out south of East New York avenue; thence northwestwardly along the said bisecting line to the intersection with a line midway between Union street and President street; thence westwardly along the said line midway between Union street and President street to the intersection with a line midway between Ralph avenue and Buffalo avenue as these streets are laid out north of East New York avenue; thence northwardly along the said line midway between Ralph avenue and Buffalo avenue to a point distant 100 feet northerly from the northeriy line of Eastern parkway; thence eastwardly along a line parallel with Eastern parkway to the intersection with a line midway between Ralph avenue and Howard avenue, as the said streets are laid out north of Eastern parkway; thence southwardly along the said line midway between Ralph avenue and Howard avenue to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of East New York avenue, the said distance being measured at right angles to the line of East New York avenue; thence northeastwardly along the said line parallel with East New York avenue to the intersection with a line at right angles to East New York avenue, passing through a point on the southerly line of Pitkin avenue midway between Grafton street and Barrett street; thence southeastwardly along the said line at right angles to East New York avenue to the southerly line of Pitkin avenue; thence southwardly along a line midway between Grafton street and Barrett street to the northeasterly line of East 98th street; thence southwestwardly at right angles to East 98th street to a point distant 100 feet southwesterly from the southwesterly line of East 98th street; thence northwestwardly along a line parallel with East 98th street and always distant 100 feet therefrom to the intersection with a line at right angles to East 98th street passing through the point of beginning; thence northeastwardly along the said line at right angles to East 98th street to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 2d day of January, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 24th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, 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 Brooklyn, New York, December 1, 1911.

ARNON L. SQUIERS, Chairman; M. V. DORNEY, EDWARD LYONS, Commissioners of Estimate; ARNON L. SQUIERS, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. d1,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of A NEW DIAGONAL STREET, from Jackson avenue, opposite the approach to the Blackwells Island Bridge, to the northwesterly boundary of the Sunnyside Yard, and from the southeasterly boundary of the Sunnyside Yard to Thomson avenue, and of VAN DAM STREET, from the new diagonal street to Greenpoint avenue, and of GREENPOINT AVENUE, from Review avenue to Newtown Creek, in the First Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above-entitled 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 the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 21st day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 26th day of December, 1911, at 2 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, in the Municipal Building, Court House square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 21st day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 27th day of December, 1911, at 2 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 6th day of November, 1908, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the point of intersection of the northeasterly bulkhead line of Newtown Creek with the centre line of Dutch Kills Creek, and running thence eastwardly and northwardly along the centre line of Dutch Kills Creek to its intersection with the prolongation of a line midway between Dutch Kills place and Queens place, as laid out south of the Sunnyside Yard; thence northwardly along the said line midway between Dutch Kills place and Queens place and the prolongation thereof to its intersection with the prolongation of a line midway between Dutch Kills street and Queens street, as laid out north of Sunnyside Yards; thence northwardly along the said line midway between Dutch Kills street and Queens street and the prolongation thereof to its intersection with the prolongation of a line 100 feet southwesterly from and parallel with the southwesterly line of Harris avenue, as laid out immediately west of the Crescent, the said distance being measured at right angles to the line of Harris avenue; thence westwardly along the said line parallel with Harris avenue and the prolongation thereof to its intersection with the prolongation of a line midway between the Crescent and William street, as these streets are laid out north of Harris avenue; thence northeastwardly along the said line midway between the Crescent and William street to its intersection with a line midway between Payntar avenue and Wilbur avenue; thence southeastwardly along the said line midway between Payntar avenue and Wilbur avenue to its intersection with a line midway between Radde street and Academy street; thence northeastwardly along the said line midway between Radde street and Academy street to its intersection with the prolongation of a line distant 100 feet northeasterly from and parallel with the northeasterly line of South Washington place, the said distance being measured at right angles to the line of South Washington place; thence southeastwardly along the said line parallel with South Washington place to its intersection with the northerly line of Jackson avenue; thence southerly and parallel with Honeywell street to its intersection with a line distant 850 feet northerly from and parallel with the northerly line of Skillman avenue, as laid out between the new diagonal street and Honeywell street, the said distance being measured at right angles to the line of Skillman avenue; thence eastwardly along the said line parallel with Skillman avenue, as laid out between the new diagonal street and Honeywell street, to its intersection with a line easterly from and parallel with Honeywell street, and passing through a point on the northerly line of Skillman avenue where the said line of Skillman avenue is intersected by the prolongation of a line midway between Hulst street and Van Pelt street; thence southerly and parallel with Honeywell street to its intersection with Skillman avenue; thence southwardly along a line midway between Hulst street and Van Pelt street, and along the prolongation thereof to the northerly bulkhead line of Newtown Creek; thence northwestwardly along the northeasterly bulkhead line of Newtown Creek to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, in the Municipal Building, Court House square, in the Borough of Queens, in said City, there to remain until the 26th day of December, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 23d day of February, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, 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, November 27, 1911.

JOHN ANDERSON LEACH, Chairman; GEO. V. TODD, CLIFFORD M. TAPPEN, Commissioners of Estimate; CLIFFORD M. TAPPEN, Commissioner of Assessment.

JOSEPH J. MYERS, Clerk. d1,d18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of EIGHTEENTH AVENUE, from Coney Island avenue to the former Town line of New Utrecht and Flatbush, in the Twenty-ninth and Thirtieth Wards, Borough of Brooklyn, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled 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 the undersigned Commissioners of Estimate have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 20th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 21st day of December, 1911, at 3 o'clock p. m.

Second—That the undersigned Commissioner of Assessment has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 20th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 22d day of December, 1911, at 3 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 2d day of July, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on a line midway between Forty-seventh street and Forty-eighth street where it is intersected by a line midway between Seventeenth avenue and Eighteenth avenue, as these streets are laid out southwesterly from Forty-seventh street, and running thence northeastwardly along the said line midway between Seventeenth avenue and Eighteenth avenue, and along the prolongation of the said line, to a point distant 300 feet northerly from the northerly line of Eighteenth avenue as laid out east of Forty-seventh street, the said distance being measured at right angles to Eighteenth avenue; thence eastwardly and parallel with Eighteenth avenue to the intersection with a line midway between Westminster road and Argyle road; thence southwardly along the said line midway between Westminster road and Argyle road to the intersection with the prolongation of a line midway between Webster avenue and Newkirk avenue as these streets are laid out east of Ocean parkway; thence westwardly along a line always midway between Webster avenue and Newkirk avenue, and along the prolongations of said line, to a line midway between Forty-seventh street and Forty-eighth street; thence northwestwardly along the said line midway between Forty-seventh street and Forty-eighth street to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, No. 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 2d day of January, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 24th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to Section 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Brooklyn, New York, December 1, 1911.

THOMAS H. TROY, HARRIS G. EAMES, SOLON BARBANELL, Commissioners of Estimate; THOMAS H. TROY, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. d1,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of SHARON STREET, between Olive street and Morgan avenue, in the Eighteenth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled 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 the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 20th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 21st day of December, 1911, at 11 o'clock a. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 20th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 22d day of December, 1911, at 11 o'clock a. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 7th day of May, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the westerly line of Morgan avenue distant 100 feet northerly from the northerly line of Sharon street, the said distance being measured at right angles to Sharon street, and running thence eastwardly at right angles to Morgan avenue a distance of 160 feet; thence southwardly and parallel with Morgan avenue to a line at right angles to Morgan avenue and passing through a point on its westerly side midway between Sharon street and Metropolitan avenue; thence westwardly along the said line at right angles to Morgan avenue to its westerly side; thence westwardly and parallel with Sharon street and the prolongation thereof to the prolongation of a line distant 100 feet westerly from and parallel with the westerly line of Olive street as laid out north of Orient avenue, the said distance being measured at right angles to Orient avenue; thence northwardly along the said line parallel with Olive street, and along the prolongation of the said line to a line at right angles to Olive street and passing through a point on its easterly side where it is intersected by a line parallel with Sharon street and passing through the point of beginning; thence eastwardly along the said line at right angles to Olive street to its easterly side; thence eastwardly along the said line parallel with Sharon street to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 2d day of January, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 24th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, 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 Brooklyn, New York, December 1, 1911.

HAROLD N, WHITEHOUSE, Chairman; WILLIAM H. SWARTWOUT, EDWARD BARUCH, Commissioners of Estimate; HAROLD N. WHITEHOUSE, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. d1,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of RIDGE STREET, from the Boulevard to Academy street, in the First Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, dated the 21st day of November, 1911, and duly entered and filed in the office of the Clerk of the County of Queens on the 23d day of November, 1911, William E. Stewart, George Pople and Jacob Sulzbach were appointed commissioners of estimate in the above-entitled proceeding, and that in and by said order William E. Stewart was appointed the Commissioner of Assessment.

Notice is further given that, pursuant to the statutes in such cases made and provided the said William E. Stewart, George Pople and Jacob Sulzbach will attend at a Special Term for the hearing of ex parte motions of the Supreme Court of the State of New York, Second Department, to be held at the County Court House in the Borough of Brooklyn, City of New York, on the 12th day of December, 1911, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel, or by any other person having any interest in the said proceeding, as to their qualifications to act as such commissioners in the above-entitled proceeding.

Dated New York, November 29, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n29,d11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of NAGY STREET, between Metropolitan avenue and Grand street, in the Second Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 21st day of November, 1911, and duly entered and filed in the office of the Clerk of the County of Queens on the 23d day of November, 1911, Morris L. Strauss, William Rasquin, Jr., and Luke Otten, were appointed Commissioners of Estimate in the above-entitled proceeding, and that in and by the said order Morris L. Strauss was appointed the Commissioner of Assessment.

Notice is further given that, pursuant to the statutes in such cases made and provided, the said Morris L. Strauss, William Rasquin, Jr., and Luke Otten will attend at a Special Term for the hearing of ex parte motions of the Supreme Court of the State of New York, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 12th day of December, 1911, at the opening of court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel, or by any other person having any interest in the said proceeding, as to their qualifications to act as such Commissioners in the above-entitled proceeding.

Dated New York, November 29, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n29,d11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the

lands, tenements and hereditaments required for the opening and extending of SHERMAN STREET, from 14th street to Grand avenue; and of MARION STREET, from 14th street to Ridge street, in the First Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, dated the 21st day of November, 1911, and duly entered and filed in the office of the Clerk of the County of Queens on the 23d day of November, 1911, John N. Booth, George H. Alexander and Harry R. Gelwicks were appointed Commissioners of Estimate in the above-entitled proceeding, and that in and by said order John N. Booth was appointed the Commissioner of Assessment.

Notice is further given that, pursuant to the statutes in such cases made and provided the said John N. Booth, George H. Alexander and Harry R. Gelwicks will attend at a Special Term for the hearing of ex parte motions of the Supreme Court of the State of New York, Second Department, to be held at the County Court House in the Borough of Brooklyn, in The City of New York, on the 12th day of December, 1911, at the opening of court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel, or any other person having any interest in the said proceeding, as to their qualifications to act as such Commissioners in the above-entitled proceeding.

Dated New York, November 29, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n29,d11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of NOTT AVENUE, from Van Dam street to Calvary Cemetery; and of ANABLE AVENUE, from Van Dam street to Calvary Cemetery, in the First and Second Wards, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 21st day of November, 1911, and duly entered and filed in the office of the Clerk of the County of Queens on the 23d day of November, 1911, John B. Merrill, Robert B. Lawrence and Frank E. Losee were appointed Commissioners of estimate in the above-entitled proceeding, and that in and by the said order John B. Merrill was appointed the Commissioner of Assessment.

Notice is further given that, pursuant to the statutes in such cases made and provided the said John B. Merrill, Robert B. Lawrence and Frank E. Losse will attend at a Special Term for the hearing of ex parte motions of the Supreme Court of the State of New York, Second Department, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 12th day of December, 1911, at the opening of court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel, or by any other person having any interest in the said proceeding, as to their qualifications to act as such Commissioners in the above-entitled proceeding.

Dated New York, November 29, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n29,d11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of FISKE AVENUE, from Woodside avenue to Grand street, in the Second Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 21st day of November, 1911, and duly entered and filed in the office of the Clerk of the County of Queens on the 23d day of November, 1911, Patrick J. Mara, J. H. Quinlan and Clinton T. Roe were appointed Commissioners of Estimate in the above-entitled proceeding, and that in and by the said order Patrick J. Mara was appointed the Commissioner of Assessment in the above-entitled proceeding.

Notice is further given that, pursuant to the statutes in such cases made and provided, Patrick J. Mara, J. H. Quinlan and Clinton T. Roe will attend at a Special Term for the hearing of ex parte motions of the Supreme Court of the State of New York, Second Department, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York on the 12th day of December, 1911, at the opening of court on that day, or as soon thereafter as counsel can be heard, for the purpose of being examined under oath by the Corporation Counsel, or by any other persons having any interest in the said proceeding, as to their qualifications to act as such Commissioners in the above-entitled proceeding.

Dated New York, November 29, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n29,d11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of DITMARS AVENUE, from 43d street to Astoria avenue, and FORTY-THIRD STREET, from Ditmars avenue to the bulkhead line of Flushing Bay, in the Second Ward, Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions in the County Courthouse, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Tuesday, the 12th day of December, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Ditmars avenue, from 43d street to Astoria avenue; and 43d street, from Ditmars avenue to the bulkhead line of Flushing Bay, in the Second Ward, Borough of Queens, City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point formed by the intersection of the southwesterly line of Ditmars avenue with the westerly line of 43d street.

Running thence northeasterly for 105.26 feet along the northwesterly line of 43d street to the northeasterly line of Ditmars avenue.

Thence northeasterly deflecting to the left 0 degrees 40 minutes 20 seconds for 662.12 feet along the northwesterly line of 43d street to the United States bulkhead line of Flushing Bay.

Thence southeasterly deflecting to the right 90 degrees for 70.0 feet along the said United States bulkhead line of Flushing Bay to the southeasterly line of 43d street.

Thence southwesterly deflecting to the right 90 degrees for 651.87 feet along the southeasterly line of 43d street to the northeasterly line of Ditmars avenue.

Thence southeasterly deflecting to the left 98 degrees 19 minutes 37 seconds for 1,858.12 feet along the northeasterly line of Ditmars avenue.

Thence southeasterly deflecting to the right on the arc of a circle whose radius is 707.677 feet for 180.84 feet along the northeasterly line of Ditmars avenue, said curve being tangent to the last-mentioned course at the southeasterly termination thereof.

Thence southeasterly for 1,196.37 feet along the northeasterly line of Ditmars avenue, the said course being tangent to the last-mentioned course at the southeasterly termination of same.

Thence southeasterly deflecting to the right on the arc of a circle whose radius is 700 feet 275.17 feet along the northeasterly line of Ditmars avenue, said curve being tangent to last-mentioned course at the southeasterly termination of same.

Thence southeasterly deflecting to the left on the arc of a circle whose radius is 572.162 feet for 145.89 feet along the northeasterly line of Ditmars avenue, said curve being tangent to the last-mentioned course at the southeasterly termination of same.

Thence southeasterly for 313.10 feet along the northeasterly line of Ditmars avenue, said course being tangent to last-mentioned course at the southeasterly termination of same.

Thence southeasterly deflecting to the left on the arc of a circle whose radius is 560.283 feet for 77.35 feet along the northeasterly line of Ditmars avenue, said curve being tangent to the last-mentioned course at the southeasterly termination of same.

Thence southeasterly for 768.43 feet along the northeasterly line of Ditmars avenue, said course being tangent to last-mentioned course at the southeasterly termination of same.

Thence southeasterly and easterly deflecting to the left on the arc of a circle whose radius is 620 feet for 384.35 feet along the northeasterly and northerly line of Ditmars avenue, to the northerly line of Astoria avenue, said curve being tangent to last-mentioned course at the southeasterly termination of same.

Thence easterly for 51.66 feet along the northerly line of Astoria avenue to the northwesterly line of 54th street, said course being tangent to the last-mentioned course at the easterly termination of same.

Thence southwesterly deflecting to the right 119 degrees 12 minutes 2 seconds for 32.20 feet along the northwesterly line of 54th street to the northerly line of old Flushing avenue.

Thence westerly deflecting to the right 58 degrees 45 minutes 45 seconds for 118.14 feet along the northerly line of old Flushing avenue.

Thence westerly deflecting to the right 2 degrees 20 minutes 50 seconds for 245.19 feet along the northerly line of old Flushing avenue to the southwesterly line of Ditmars avenue.

Thence northwesterly deflecting to the right 35 degrees 12 minutes 30 seconds for 880.23 feet along the southwesterly line of Ditmars avenue.

Thence northwesterly deflecting to the right on the arc of a circle whose radius is 660.283 feet for 91.16 feet along the southwesterly line of Ditmars avenue, said curve being tangent to the last-mentioned course at the northwesterly termination of same.

Thence northwesterly for 313.10 feet along the southwesterly line of Ditmars avenue, said course being tangent to last-mentioned course at the northwesterly termination of same.

Thence northwesterly deffecting to the right on the arc of a circle whose radius is 672.162 feet for 171.39 feet along the southwesterly line of Ditmars avenue, said curve being tangent to the last-mentioned course at the northwesterly termination of same.

Thence northwesterly deflecting to the left on the arc of a circle whose radius is 600 feet for 235.86 feet along the southwesterly line of Ditmars avenue, said curve being tangent to last-mentioned course at the northwesterly termination of same.

Thence northwesterly for 1,196.37 feet along the southwesterly line of Ditmars avenue, said course being tangent to the last-mentioned course at the northwesterly termination of same.

Thence northwesterly deflecting to the left on the arc of a circle whose radius is 607.677 feet for 155.29 feet along the southwesterly line of Ditmars avenue, said curve being tangent to the last-mentioned course at the northwesterly termination of same.

Thence northwesterly for 1,867.38 feet along the southwesterly line of Ditmars avenue, said course being tangent to the last mentioned course at the northwesterly termination of same.

Thence northwesterly deflecting to the left on the arc of a circle whose radius is 768.83 feet for 78.08 feet along the southwesterly line of Ditmars avenue to the westerly line of 43d street to the point or place of beginning, said curve being tangent to last-mentioned course at the northwesterly termination of same.

Ditmars avenue and 43d street are shown upon the following sections of the Final Maps of the Borough of Queens:

Section No. 24, adopted by the Board of Estimate and Apportionment January 26, 1911; filed at County Clerk's office, Jamaica, April 6, 1911; filed at Borough President's office April 7, 1911; filed in Corporation Counsel's office April 7, 1911.

Portions of Nos. 21 and 22 adopted by Board of Estimate and Apportionment December 15, 1910; filed at County Clerk's office, Jamaica, March 2, 1911; filed at Borough President's office February 27, 1911; filed in Corporation Counsel's office February 27, 1911.

The Board of Estimate and Apportionment on the 6th day of April, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the bulkhead line of Flushing Bay distant 360 feet northwesterly from the intersection of the said line with the northwesterly line of 43d street, and running thence southeastewardly along the said bulkhead line to the intersection with a line midway between 54th street and 55th street, as these streets are laid out where they adjoin Berrian avenue; thence southwardly along the said line midway between 54th street and 55th street, and along the prolongation of the said line to a point distant 100 feet easterly from the easterly line of 54th street, as this street is laid out south of Astoria avenue, the said distance being measured at right angles to 54th street; thence southwardly and parallel with 54th street to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Astoria avenue and the northerly line of Jackson avenue, as these streets are laid out between 54th street and 55th street; thence westwardly along the said bisecting line to the intersection with a line midway between 49th street and 50th street; thence northwardly along the said line midway between 49th street and 50th street to a point distant 100 feet southerly from the southerly line of Astoria avenue, the said distance being measured at right angles to Astoria avenue; thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Astoria avenue to the intersection with the prolongation of a line midway between 47th street and 48th street, as these streets are laid out between Jackson avenue and Hayes avenue; thence northwardly along the said prolongation of a line midway between 47th street and 48th street to the intersection with a line midway between Bay 3d street and Bay 4th street, as these streets are in use and commonly recognized; thence northwestwardly along a line always midway between Bay 3d street and Bay 4th street, and the prolongations thereof, to the intersection with a line distant 1,000 feet southwesterly from and parallel with the southwesterly line of Ditmars avenue, as this street is laid out northwesterly from and adjoining Schurz avenue, the said distance being measured at right angles to Ditmars avenue; thence northwestwardly along the said line parallel with Ditmars avenue and along the prolongation of the said line to the intersection with the prolongation of a line parallel with 43d street, as this street is laid out northeast of Ditmars avenue, and passing through the point of beginning; thence northeastwardly along the said line parallel with 43d street to the point or place of beginning.

New York, November 28, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan. n28,d9

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of THIRTEENTH AVENUE, from Thirty-sixth street to Seventy-third street, excluding the land occupied by the Prospect Park and South Brooklyn Railroad Company, the Sea Beach Railroad Company, the Manhattan Beach Division of the Long Island Railroad and the Brooklyn, Bath and West End Railroad Company, in the Twenty-ninth and Thirtieth Wards, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 11th day of December, 1911, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by law.

Dated Borough of Brooklyn, New York, November 28, 1911.

JAS. B. SHELDON, GEORGE F. MADDOCK, JOSEPH J. EARLY, Commissioners of Estimate; JAS. B. SHELDON, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. n28,d9

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of BLEECKER STREET (although not yet named by proper authority), from Brooklyn Borough Line to Forest avenue, in the Second Ward, Borough of Queens, City of New York, as amended by an order of the Supreme Court, duly made and entered herein on the 10th day of May, 1910, so as to conform to the lines of said street, as shown upon Sections 15 and 16 of the Final Maps of the Borough of Queens, as adopted by the Board of Estimate and Apportionment on the 21st day of May, 1909, and approved by the Mayor on the 4th day of June, 1909.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 15th day of December, 1911, 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 December, 1911, at 11 o'clock a. m.

Second—That the abstracts of our said estimate and assessment, together with our damage and benefit maps, and also 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, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in said City, there to remain until the 18th day of December, 1911.

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 Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the line dividing the Boroughs of Brooklyn and Queens, distant 100 feet northwesterly from the northwesterly line or side of Bleecker street, measured on a line drawn at right angles with said northwesterly line or side of Bleecker street, running thence northeasterly and easterly and at all times parallel with the northwesterly and northerly line or side of Bleecker street and 100 feet distant therefrom to a point on the westerly side of Forest avenue 100 feet north from the intersection of the westerly side of Forest avenue with the northerly side of Bleecker street, thence still easterly in prolongation of the last mentioned line 166.05 feet, thence southerly and at all times parallel with the easterly side of Forest avenue and 100 feet distant therefrom 260.05 feet, thence westerly in prolongation of a line drawn parallel with and 100 feet distant from the southerly side of Bleecker street to a point distant 100 feet southeasterly from the southeasterly side of Bleecker street, measured at right angles therewith, and thence southwesterly and at all times parallel with the southeasterly side of Bleecker street and 100 feet distant therefrom, to the line dividing the Boroughs of Brooklyn and Queens and thence northwesterly along said last mentioned line to the point or place of beginning.

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, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 25th day of January, 1912, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to any of said abstracts of estimate and assessment, the notice of motion to confirm our final report herein 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, November 20, 1911.

LEONARD RUOFF, JR., FRANK E. LOSEE, Commissioners.

JOSEPH J. MYERS, Clerk. n25,d13

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of RICHARD AVENUE, extending from Myrtle avenue to Hughes street, formerly Hancock street, in the Second Ward, Borough of Queens, City of New York, as amended by an order of the Supreme Court, duly made and entered in the office of the Clerk of the County of Queens on the 25th day of January, 1911, so as to relate to Richard avenue, from Myrtle avenue to Otto street, as shown upon Sections 29 and 34 of the Final Maps of the Borough of Queens, as adopted by the Board of Estimate and Apportionment on the 21st day of May, 1909, and the 2d day of July, 1909.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above-entitled 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 the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 15th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 18th day of December, 1911, at 2 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 15th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 18th day of December, 1911, at 3.30 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 19th day of November, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Bounded on the north by a line distant 100 feet northerly from and parallel with the northerly line of Otto street, the said distance being measured at right angles to Otto street; on the east by a line midway between Richard avenue and Meade street and by the prolongations of the said line; on the south by a line distant 100 feet southerly from and parallel with the southerly line of Myrtle avenue, the said distance being measured at right angles to Myrtle avenue, and on the west by a line midway between Richard avenue and McKinley avenue and by the prolongations of the said line.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 18th day of December, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 25th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment or to either of them the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, 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, November 21, 1911.

DENNIS J. HARTE, Chairman; STEPHEN McMAHON, FRANK L. BACON, Commissioners of Estimate; DENNIS J. HARTE, Commissioner of Assessment.

JOSEPH J. MYERS, Clerk. n25,d13

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of TARGEE STREET, from Broad street to the junction of Fingerboard road and Richmond road, in the Second and Fourth Wards, Borough of Richmond, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled 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 the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in wrtiing, duly verified, with them at their office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 11th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will

be in attendance at their said office on the 13th day of December, 1911, at 2 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 11th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 14th day of December, 1911, at 2 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 2d day of July, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Richmond, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the prolongation of a line distant 500 feet westerly from and parallel with the westerly line of Targee street, the said distance being measured at right angles to Targee street, where it is intersected by a line at right angles to the line of Targee street and passing through a point on the prolongation of the easterly line of Targee street distant 500 feet southerly from its intersection with the northwesterly line of Fingerboard road as in use and commonly recognized, and running thence northwardly along the said line parallel with Targee street, and along the prolongation of the said line to a point distant 100 feet westerly from the westerly line of Richmond road as in use and commonly recognized, the said distance being measured at right angles to Richmond road; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Richmond road as in use and commonly recognized to a point distant 500 feet northerly from the northerly line of Broad street as in use and commonly recognized, the said distance being measured at right angles to Broad street; thence eastwardly and parallel with Broad street as in use and commonly recognized to the intersection with the prolongation of a line distant 500 feet easterly from and parallel with the easterly line of Targee street, the said distance being measured at right angles to Targee street; thence southwardly and always distant 500 feet easterly from and parallel with the easterly line of Targee street, and the prolongation thereof, to the intersection with a line at right angles to the line of Targee street and passing through the point of beginning; thence westwardly along the said line at right angles to Targee street to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 11th day of December, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 23d day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, 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, November 16, 1911.

FRANK H. CURRY, Chairman; HORATIO J. SHARRETT, FRANK C. MEBANE, Commissioners of Estimate; FRANK C. MEBANE, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. n21,d8

SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to amending its application heretofore made in the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of CASTLETON AVENUE (although not yet named by proper authority), from Columbia street to Jewett avenue, in the First Ward, Borough of Richmond, City of New York, as amended by an order of the Supreme Court of the State of New York, Second Department, duly entered and filed in the office of the Clerk of the County of Richmond on the 17th day of May, 1910, making the lines conform with those of Castleton avenue, between Jewett avenue and Columbia street, as shown upon a map or plan adopted by the Board of Estimate and Apportionment on the 11th day of March, 1910, so as to make the lines and grades conform with those of Castleton avenue, between Columbia street and Jewett avenue, as shown on a map or plan bearing the signature of the President of the Borough of Richmond and dated June 10, 1910, and adopted by the Board of Estimate and Apportionment on July 1, 1910.

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, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 11th day of December, 1911, 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 13th day of December, 1911, at 3 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, 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 13th day of December, 1911.

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 Richmond, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point formed by the intersection of a line parallel with and 100 feet easterly from the easterly side of Burgher avenue and a line parallel with and 100 feet northerly from the northerly line of Henderson avenue, running thence westerly along the line 100 feet northerly from the northerly line of Henderson avenue and along its prolongation to the intersection with the line parallel with and 100 feet westerly from the westerly side of Taylor street; running thence southerly along said line distant 100 feet from the westerly line of Taylor street to the intersection with a line parallel with and 100 feet northerly from the northerly side of Cedar avenue; running thence westerly along the line 100 feet northerly of Cedar avenue and along its prolongation to the intersection with a line parallel with and 100 feet easterly from the easterly side of Jewett avenue; running thence northerly along the said line 100 feet from the easterly side of Jewett avenue to the intersection with the prolongation of a line parallel with and 100 feet northerly from the northerly side of New street; running thence westerly along said line to the intersection with a line parallel with and 100 feet westerly from the westerly side of Jewett avenue; thence still southerly along the line 100 feet westerly from the westerly side of Jewett avenue to the intersection with a line parallel with and 100 feet southerly from the southerly line of Catherine street; running thence southeasterly along the line 100 feet southerly from the southerly line of Catherine street to the intersection with a line parallel with and 100 feet easterly from the easterly side of Jewett avenue; thence northeasterly along the line 100 feet easterly from the easterly side of Jewett avenue to the intersection with a line midway between proposed Castleton avenue and Post avenue; running thence easterly along the dividing line between Castleton and Post avenues to the intersection of the line midway between Castleton avenue and Cary avenue; thence still easterly along the line midway between Castleton avenue and Cary avenue to the intersection with a line parallel with and 100 feet easterly from the easterly side of Burgher avenue; thence northerly along the line 100 feet easterly from the easterly side of Burgher avenue to the point or place of beginning.

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, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House, in the Borough of Broklyn, in The City of New York, on the 25th day of January, 1912, 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 herein 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, November 15, 1911.

WILLIAM J. KENNEY, Chairman; JAMES E. MULLIGAN, EDWARD P. DOYLE, Commissioners.

JOEL J. SQUIER, Clerk. n20,d7

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of EMMA STREET (although not yet named by proper authority), from Flushing avenue to William street, in the Second Ward, Borough of Queens, City of New York, as amended by an order of the Supreme Court, duly made and entered herein on the 16th day of May, 1910, so as to conform to the lines of said street, as shown upon Sections 13 and 16 of the Final Maps of the Borough of Queens, as adopted by the Board of Estimate and Apportionment on the 21st day of May, 1909, and approved by the Mayor on the 4th day of June, 1909.

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 supplemental and amended estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 7th day of December, 1911, 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 11th day of December, 1911, at 3 o'clock p. m.

Second—That the abstracts of our said supplemental and amended 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, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in said City, there to remain until the 11th day of December, 1911.

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 Queens, in The City of New York, taken together, are bounded and described as follows, viz.:

Beginning at a point on the prolongation of the southwesterly side of Emma street and distant from the northwesterly side of Flushing avenue 100 feet; thence running in a southeasterly direction along the last mentioned prolongation of the southwesterly side of Emma street to the said northwesterly side of Flushing avenue; thence running in a southwesterly direction along the said northwesterly side of Flushing avenue to a point where the centre line of the block between the southwesterly side of Emma street and the northeasterly side of Sophie street, if prolonged would intersect the said northwesterly side of Flushing avenue; thence running in a southeasterly direction along the centre line prolonged, as aforesaid, and along the said last mentioned centre line to where the same, if prolonged further, would intersect the southeasterly side of Nurge street; thence running in a southerly direction to a point on the northerly side of Metropolitan avenue at the centre line of the block bounded by the southeasterly side of Nurge street and the southwesterly side of Emma street; thence running in an easterly direction along said northerly side of Metropolitan avenue to where the said northerly side of Metropolitan avenue intersects the southeasterly side of William street; thence running in a northeasterly direction along the said southeasterly side of William street to a point midway between the northeasterly side of Emma street and the southwesterly side of Martin street; thence running in a northwesterly direction along the last mentioned centre line to where the same intersects the southeasterly side of Flushing avenue; thence running in a southwesterly direction along the said southeasterly side of Flushing avenue to the northeasterly side of Emma street; thence running in a northwesterly direction along the said northeasterly side of Emma street to a point on a prolongation of the said northeasterly side of Emma street distant from the northwesterly side of Flushing avenue 100 feet; thence running in a southwesterly direction on a straight line to the point or place of beginning as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That, provided there be no objections filed to either of said supplemental and amended abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 25th day of January, 1912, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to any of said abstracts of supplemental and amended estimate and assessment, the notice of motion to confirm our final report herein 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, November 10, 1911.

EDWARD A. MAHER, Jr., Chairman; DAVID SPRINGSTEEN, Commissioners.

JOSEPH J. MYERS, Clerk. n17,d5

SUPREME COURT—NINTH JUDICIAL DISTRICT.

NINTH JUDICIAL DISTRICT.

WESTCHESTER COUNTY.

Hill View Reservoir—Section No. 1.

Amended Report.

In the matter of the application and petition of J. Edward Simmons, Charles N. Chadwick and Charles A. Shaw, constituting the Board of Water Supply of The City of New York, to acquire real estate for and on behalf of The City of New York, under Chapter 724 of the Laws of 1905 and the Acts amendatory thereof in the City of Yonkers, Westchester County, New York, for the purpose of providing an additional supply of pure and wholesome water for the use of The City of New York.

PUBLIC NOTICE IS HEREBY GIVEN THAT the amended report of the Commissioners of Appraisal in the above entitled matter, dated October 11, 1911, filed in the office of the Clerk of the County of Westchester at White Plains, New York, October 20, 1911, including Parcels 1 and 3, 4, 8, 14, 17, 29, 38, 40 and 54, will be presented to the Supreme Court for confirmation, at a Special Term thereof, to be held in and for the Ninth Judicial District, at the Court House in White Plains, Westchester County, New York, on the 15th day of December, 1911, at ten o'clock in the forenoon of that day or as soon thereafter as counsel can be heard; reserving to The City of New York the right to oppose the confirmation of any or all of the awards contained in said report.

Dated November 16, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Office and Post Office Address, Hall of Records, Corner of Chambers and Centre streets, Borough of Manhattan, New York City. n24,d15

NOTICE TO BIDDERS AT SALES OF OLD BUILDINGS, ETC.

TERMS AND CONDITIONS UNDER WHICH BUILDINGS, ETC., WILL BE SOLD FOR REMOVAL FROM CITY PROPERTY.

THE BUILDINGS AND APPURTENANCES thereto will be sold to the highest bidder, who must pay cash or certified check, drawn to the order of the Comptroller of The City of New York, and must also give a certified check or cash in half the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale. Where the amount of the purchase price does not equal or exceed the sum of $50, the sum of $50 shall be the amount of the security to be deposited. This security may at any time after the expiration of the contract period be applied by the City to the cost of completing any of the work required under the contract, but unfinished at the expiration of the contract period.

The purchaser shall not lease, occupy, cause or permit the building or buildings, etc., purchased by him to be used or occupied for any purpose other than that of their speedy removal, nor shall he collect any rental or other revenue for the use of either the land or the buildings, etc., situated thereon. The breach of either or any of these conditions shall forthwith void the sale and cause immediate forfeiture of the purchase money and the security deposited for the faithful performance of the conditions of the sale. The placing therein or permitting the occupancy of any such building by any tenant free, for rent or otherwise, excepting the necessary watchmen or the workmen engaged in the actual demolition thereof, shall of itself be a breach of the above conditions of sale.

The sale will be as of the condition of the property on date of delivery thereof to the purchaser. The City of New York will not be responsible for any change or loss which may occur in the condition of the buildings, or their appurtenances, between the time of the sale thereof and the time of delivering possession to the purchaser, after being properly vacated of all tenants. The sale and delivery to purchaser will be made as nearly together as the circumstance of vacating the structures of their tenants will permit.

All the material of the buildings, sheds, walks, structures and cellars of whatsoever nature, with their exterior and interior fixtures, appurtenances and foundations of all kinds, except the exterior walls of the buildings and their foundations and the sidewalks and curb in front of said buildings, extending within the described area shall be torn down and removed from the premises. None of the dirt, debris or waste resulting from demolition shall be allowed to remain on the premises, except old mortar or plaster only, which may be left, but not higher at any point than two feet below the curb opposite that point. The exterior walls and their foundations shall be taken down only to a plane whose elevation shall be the level of the curb in front of the building. Where there is no curb the elevation of the surrounding ground shall be considered curb level. All wells, cesspools, sinks, etc., existing on the property must be filled to the level of the surrounding ground with clean earth.

The purchaser at the sale shall also withdraw and remove all abandoned water taps and old service mains, and in place thereof cause to be inserted a brass plug in the main water pipe in the street, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity, and furnish the Department of Finance with a certificate from the Department of Water Supply, Gas and Electricity that this has been performed.

The purchaser at the sale shall also remove all house sewer connections to the main sewer in the street, and the opening of the main sewer in street shall be properly closed in compliance with the directions of the Bureau of Sewers in the Borough in which the buildings are situated, and furnish the Department of Finance with a certificate from the Bureau of Sewers that the work has been properly performed.

The permit for all opening in the street to be obtained by and at the expense of the purchaser of the building.

Failure to remove said buildings, appurtenances, or any part thereof, within thirty days from the day of possession will work forfeiture of ownership of such buildings, appurtenances, or portion as shall then be left standing, together with all moneys paid by said purchaser on account thereof at the time of the sale, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and The City of New York will, without notice to the purchaser, cause the same to be removed, and the cost and expense thereof charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and must be completed within thirty days from the day of possession, 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 and from all damage 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 said buildings.

Where party walls are found to exist between buildings purchased by different bidders, the materials of said party walls shall be understood to be equally divided between the separate purchasers.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down. All furrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls are to be taken down and removed. The walls shall be made permanently self-supporting, beamholes, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs and adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operations of the contractor.

The Comptroller of The City of New York reserves the right on the day of sale to withdraw from sale any of the buildings, parts of buildings and machinery included therein, or to reject any and all bids; and it is further

Resoved, That, while the said sale is held under the supervision of the Commissioner of the Sinking Fund, the Comptroller is authorized to cause the sale to be advertised and to direct the sale thereof as financial officer of the City.

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.